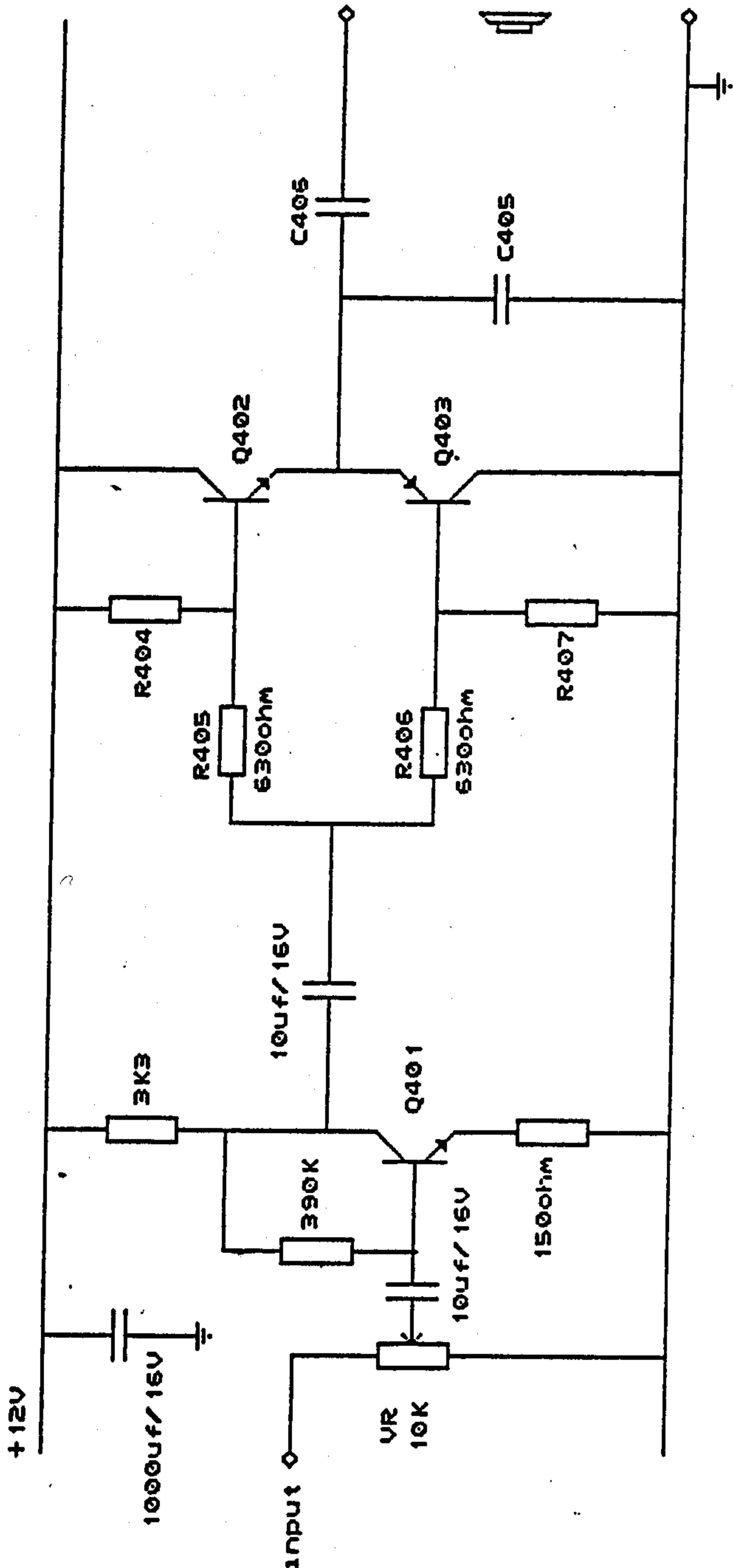
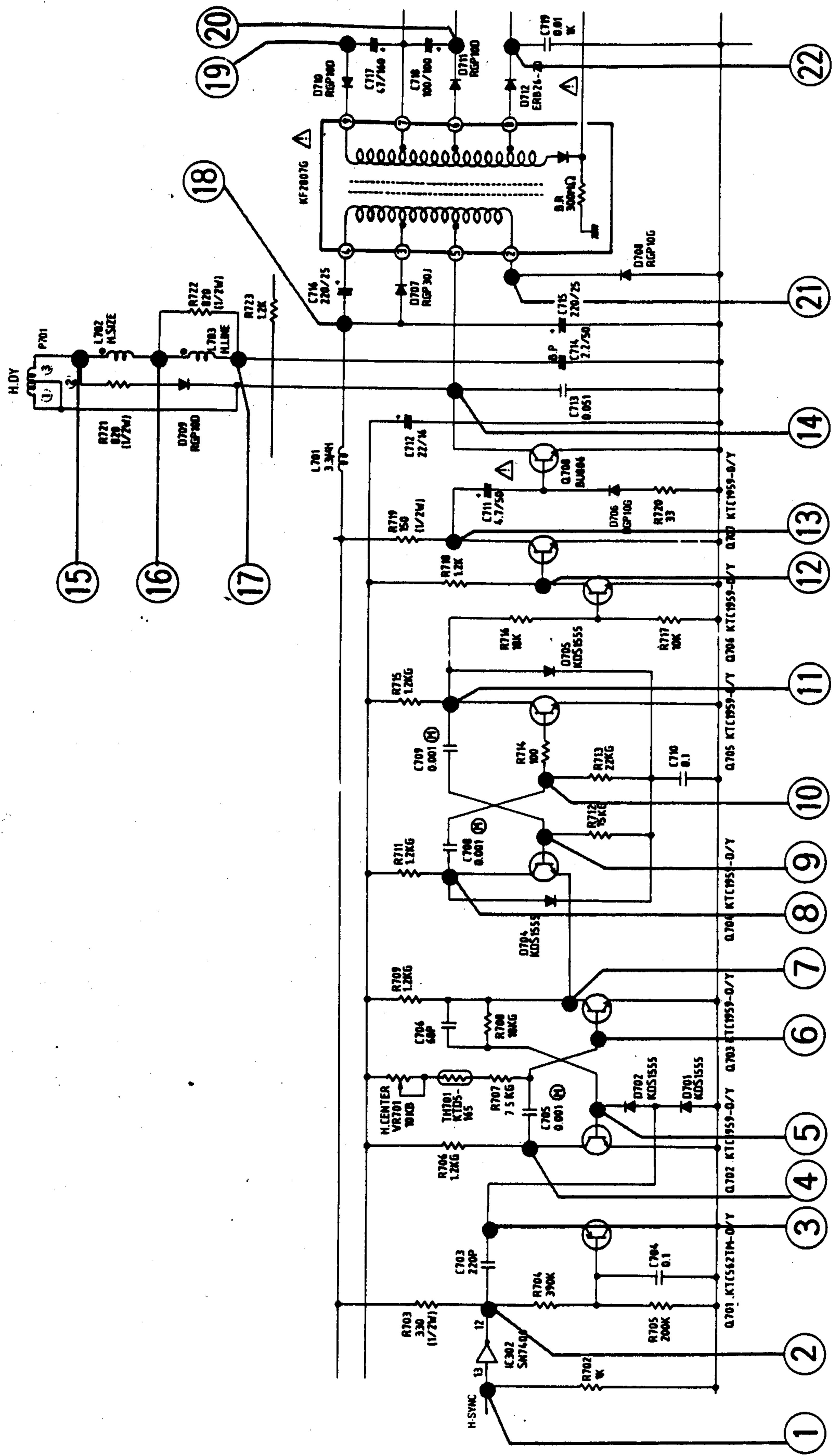
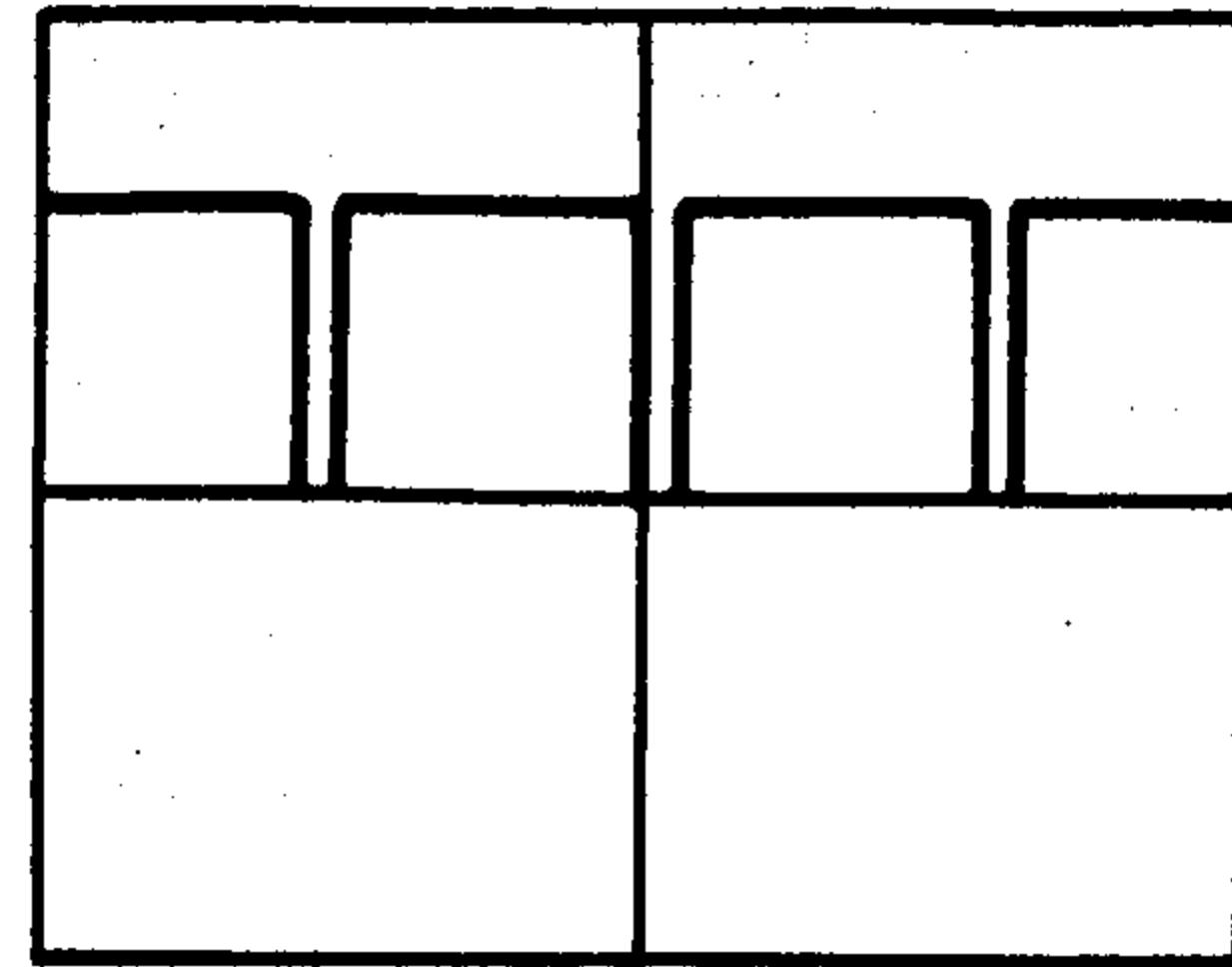


REUSED AUDIO CIRCUIT SM124 MONITOR

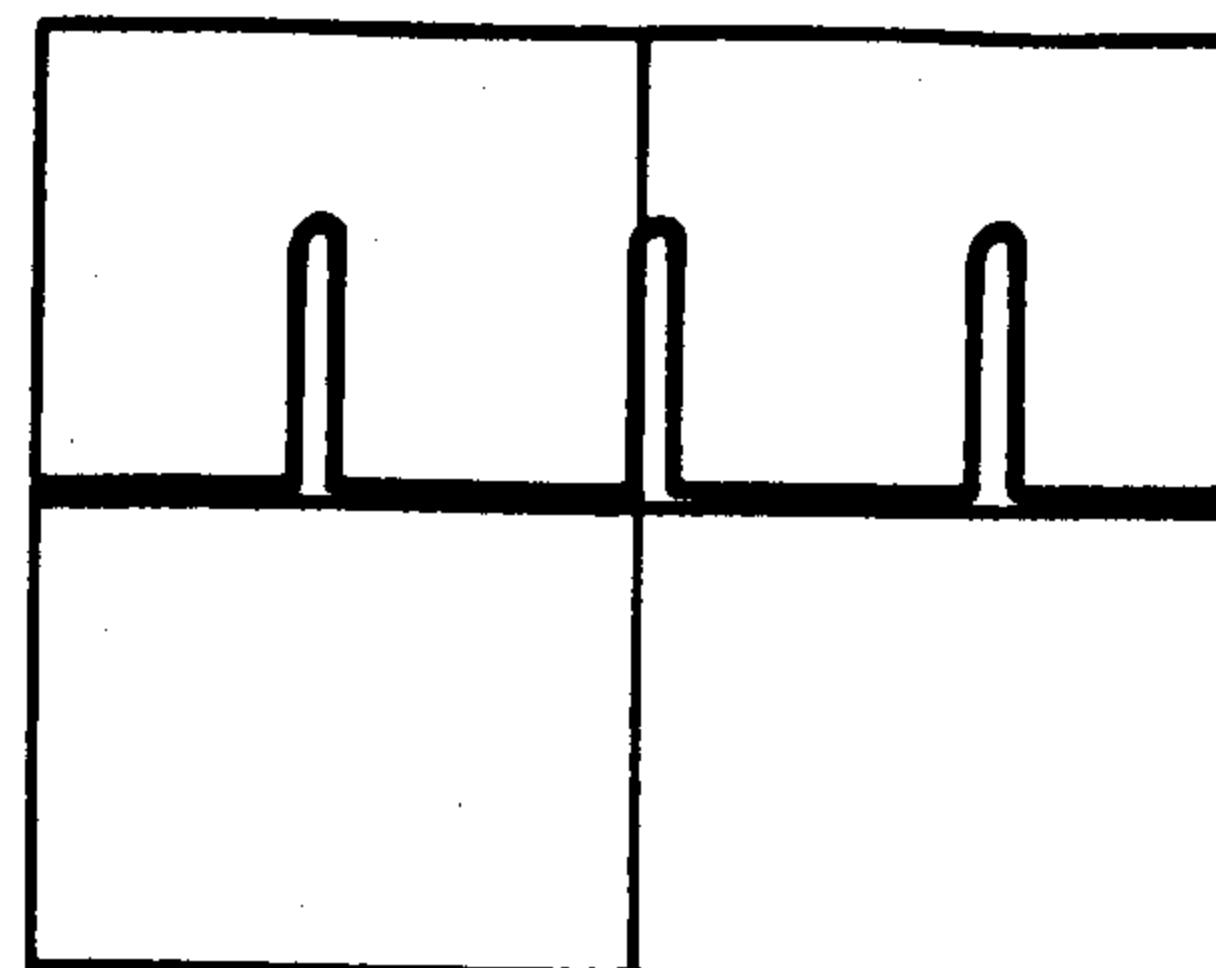


HORIZONTAL DEFLECTION CIRCUIT

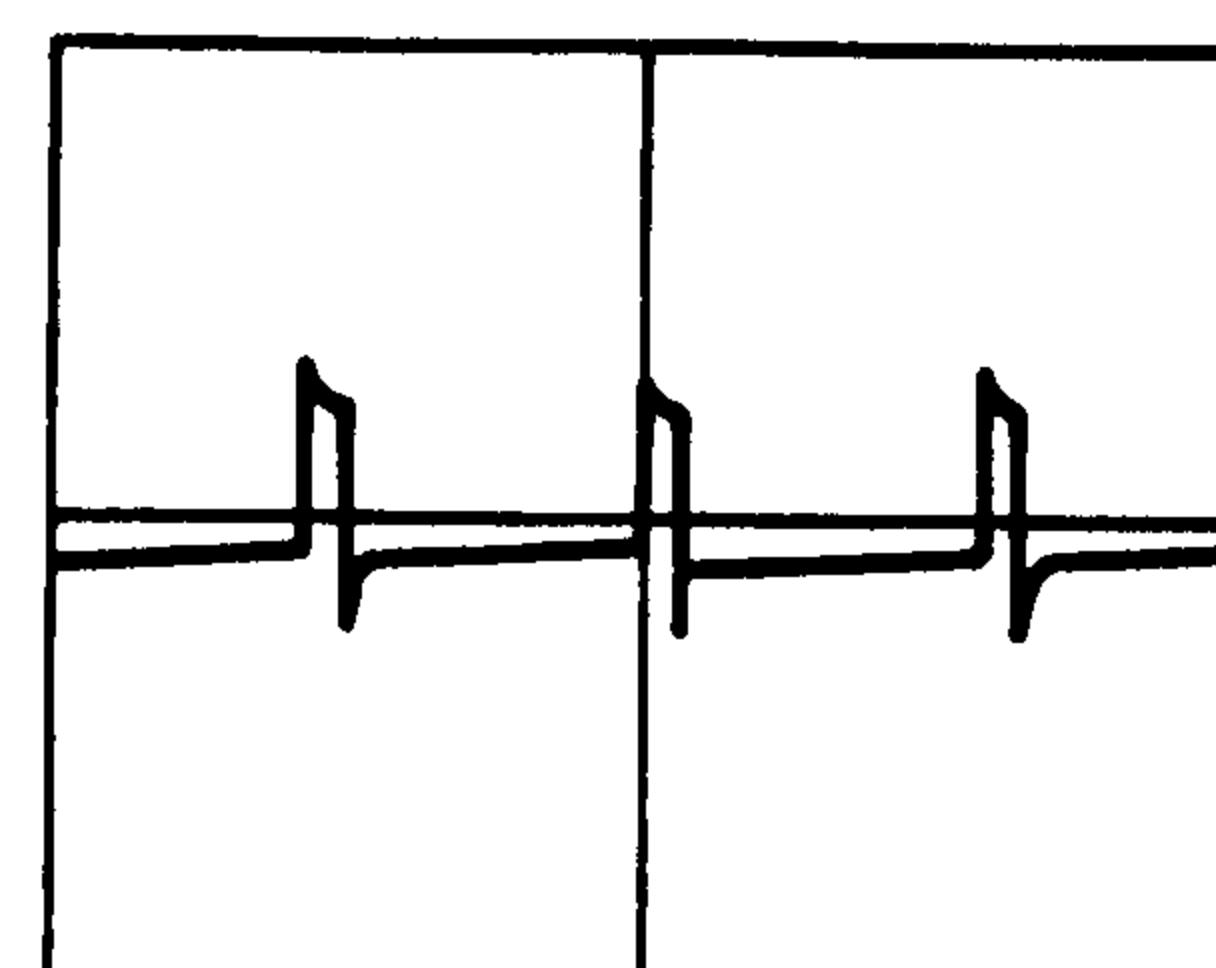




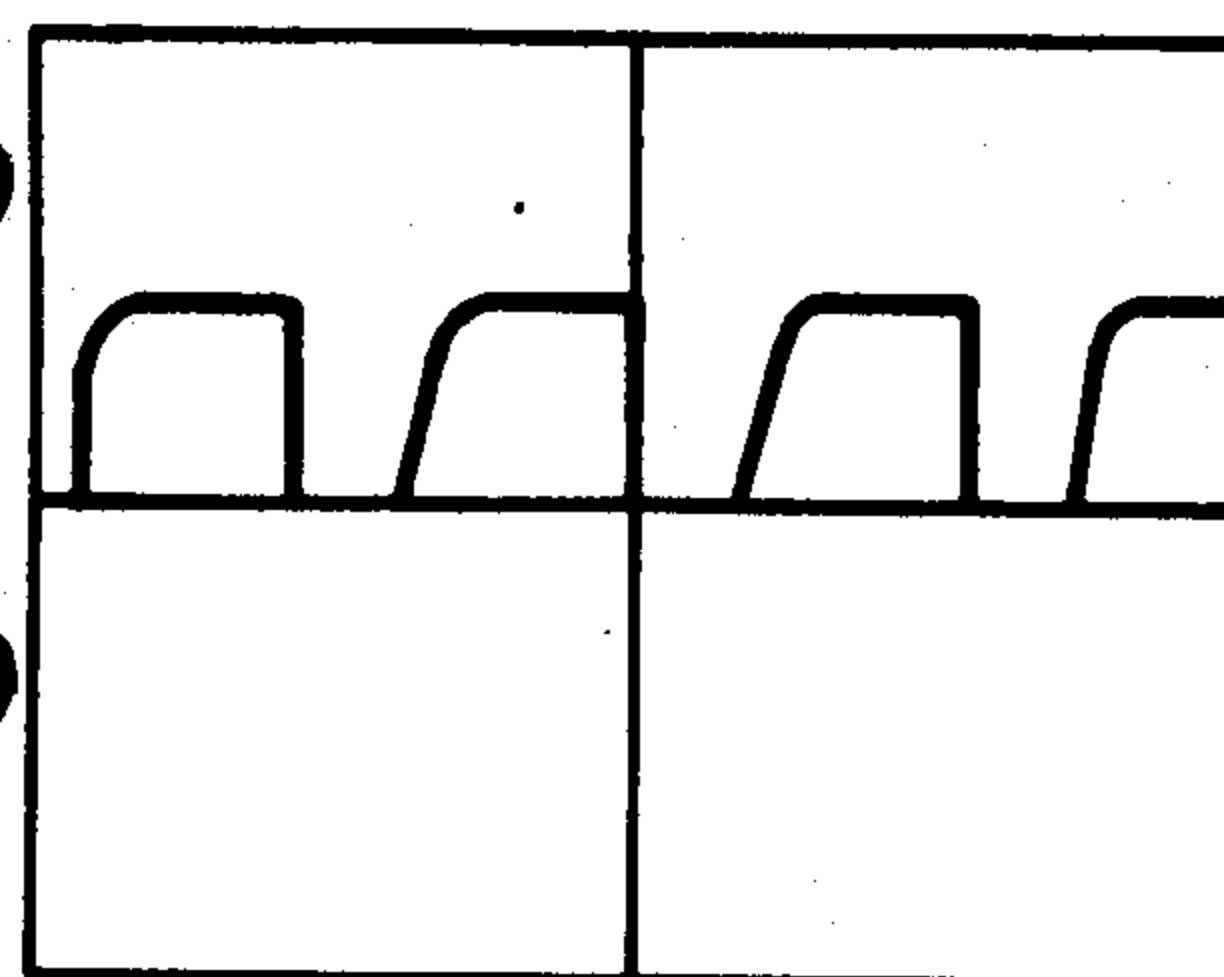
① 5Vp-p
35.7KHz



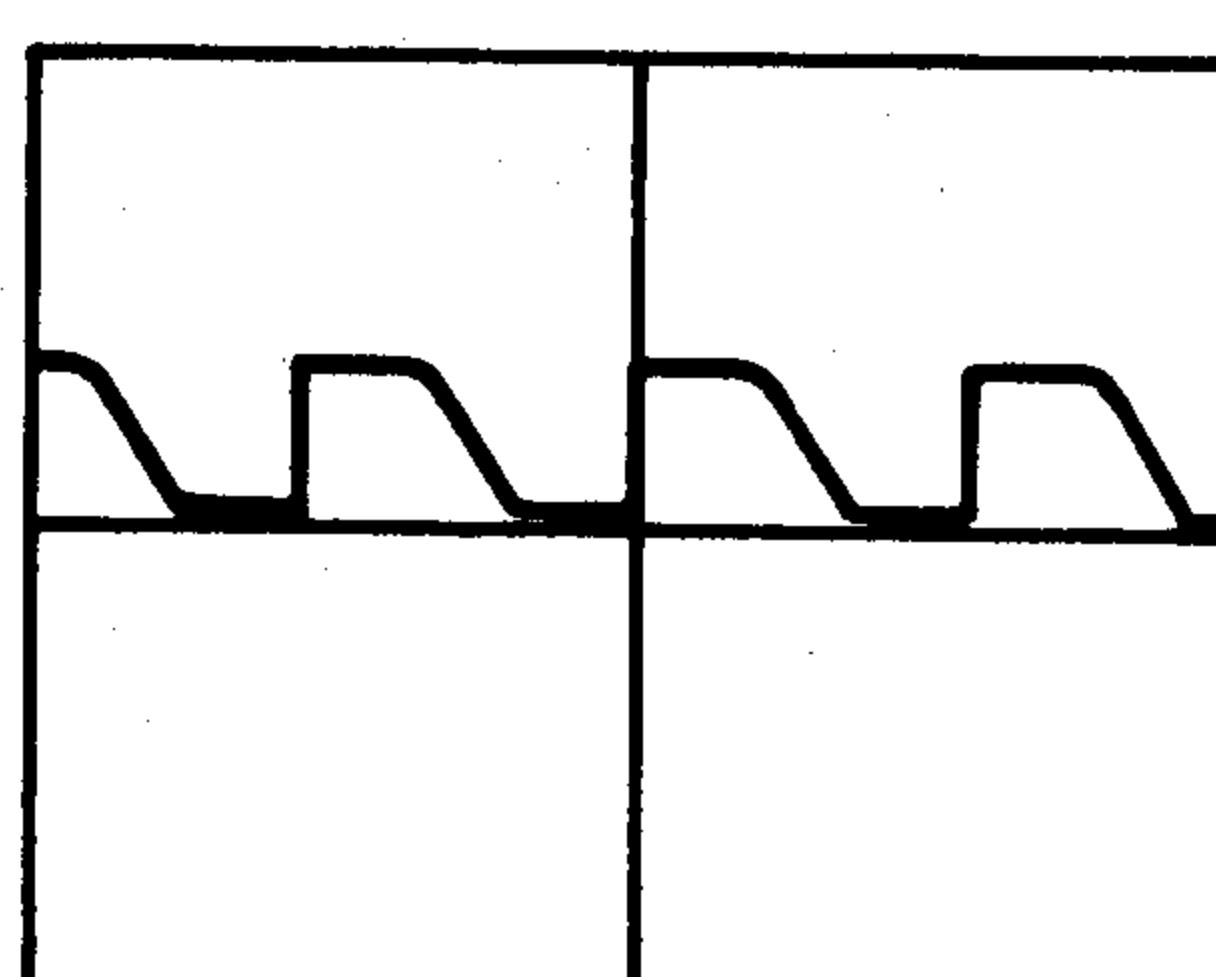
② 11.5Vp-p
35.7KHz



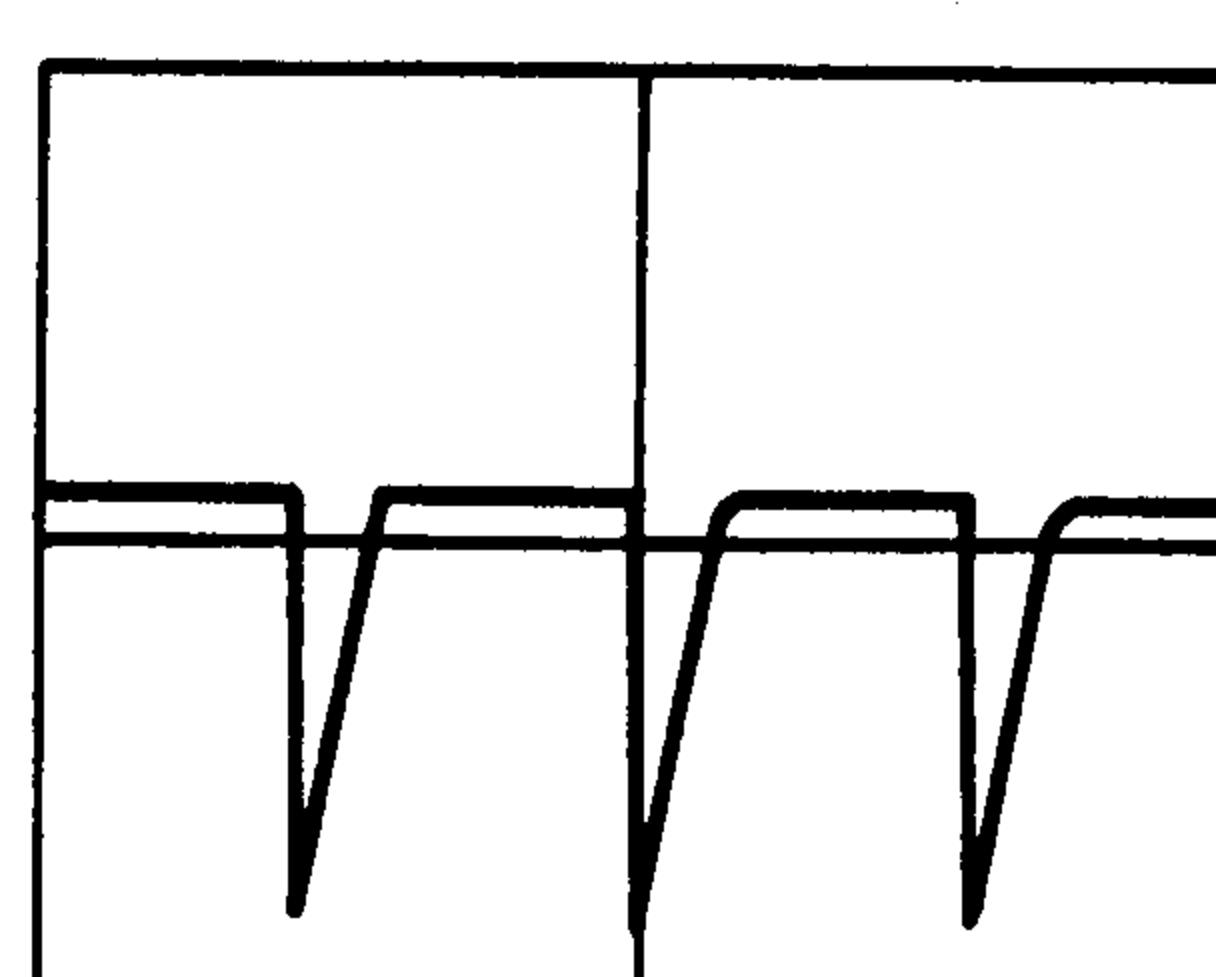
③ 2.3Vp-p
35.7KHz



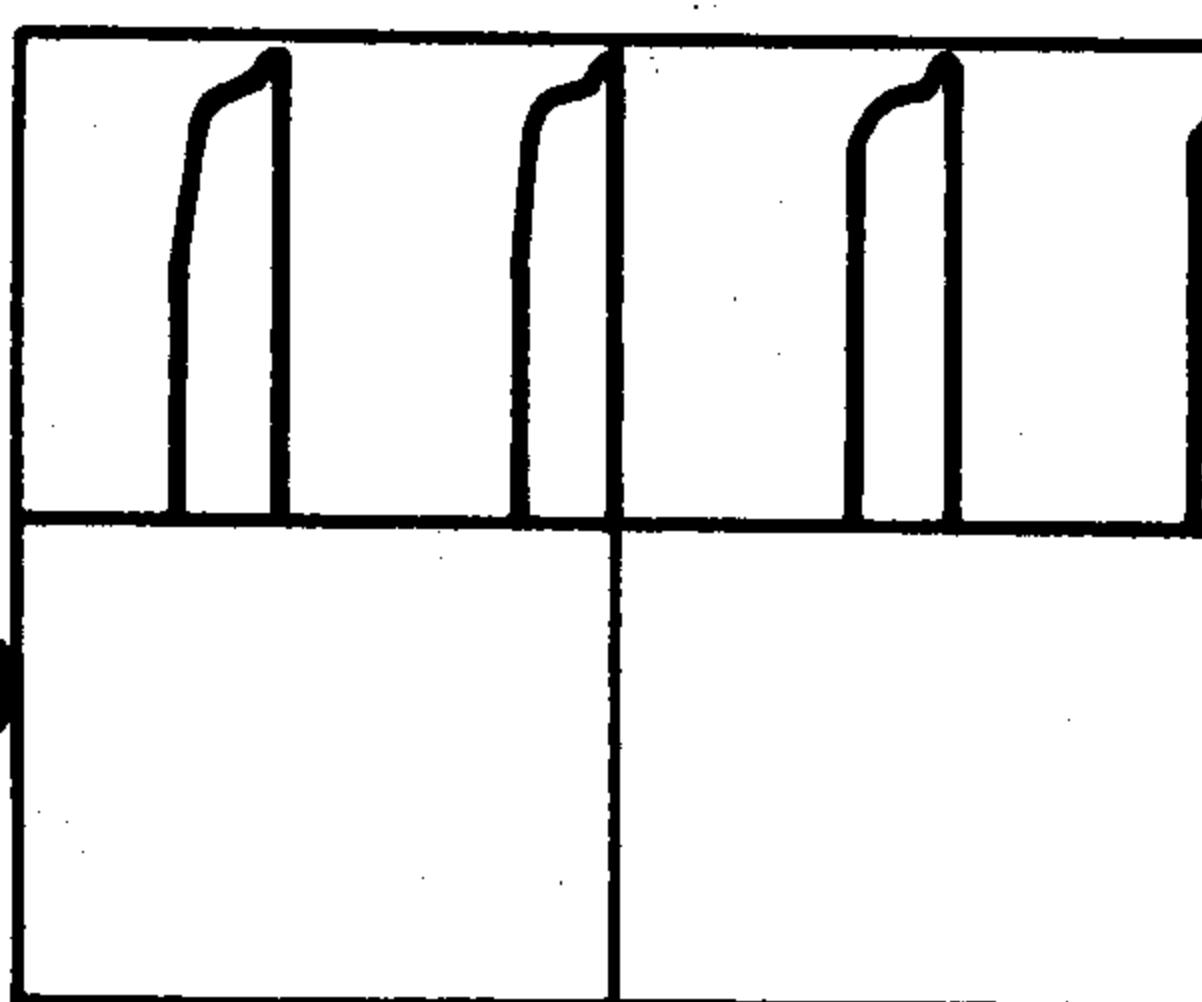
④ 9.0Vp-p
35.7KHz



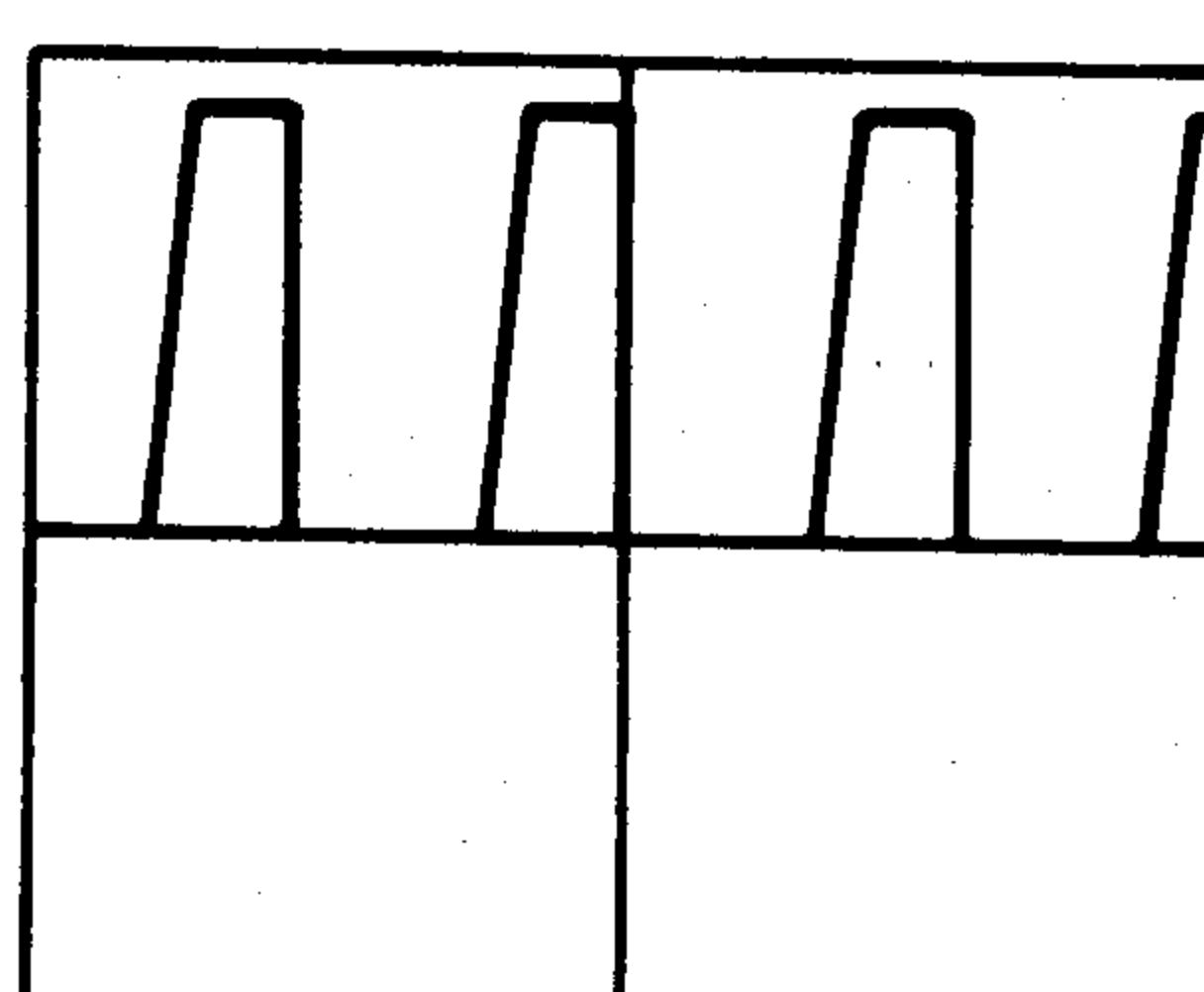
⑤ 0.7Vp-p
35.7KHz



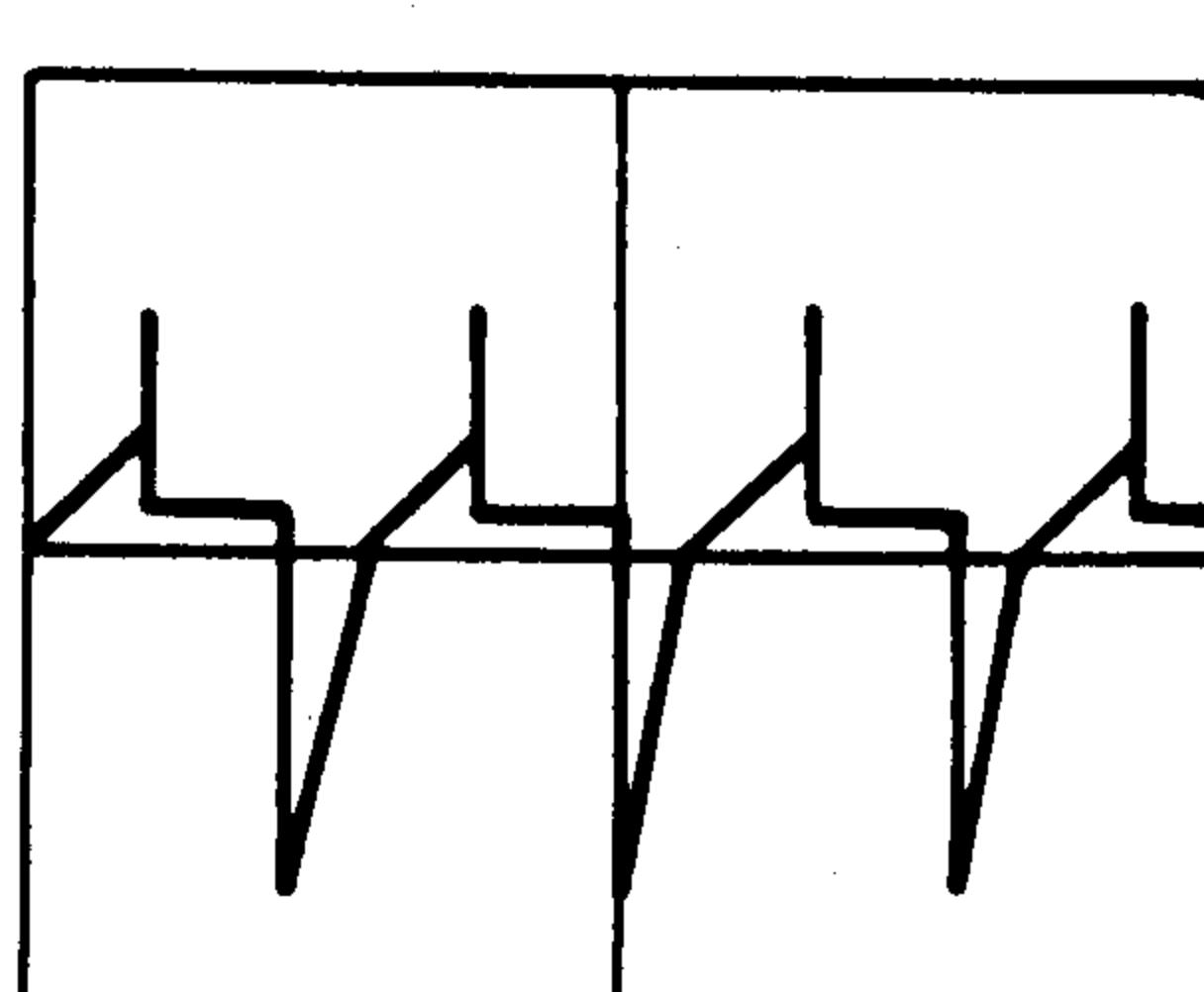
⑥ 6.8Vp-p
35.7KHz



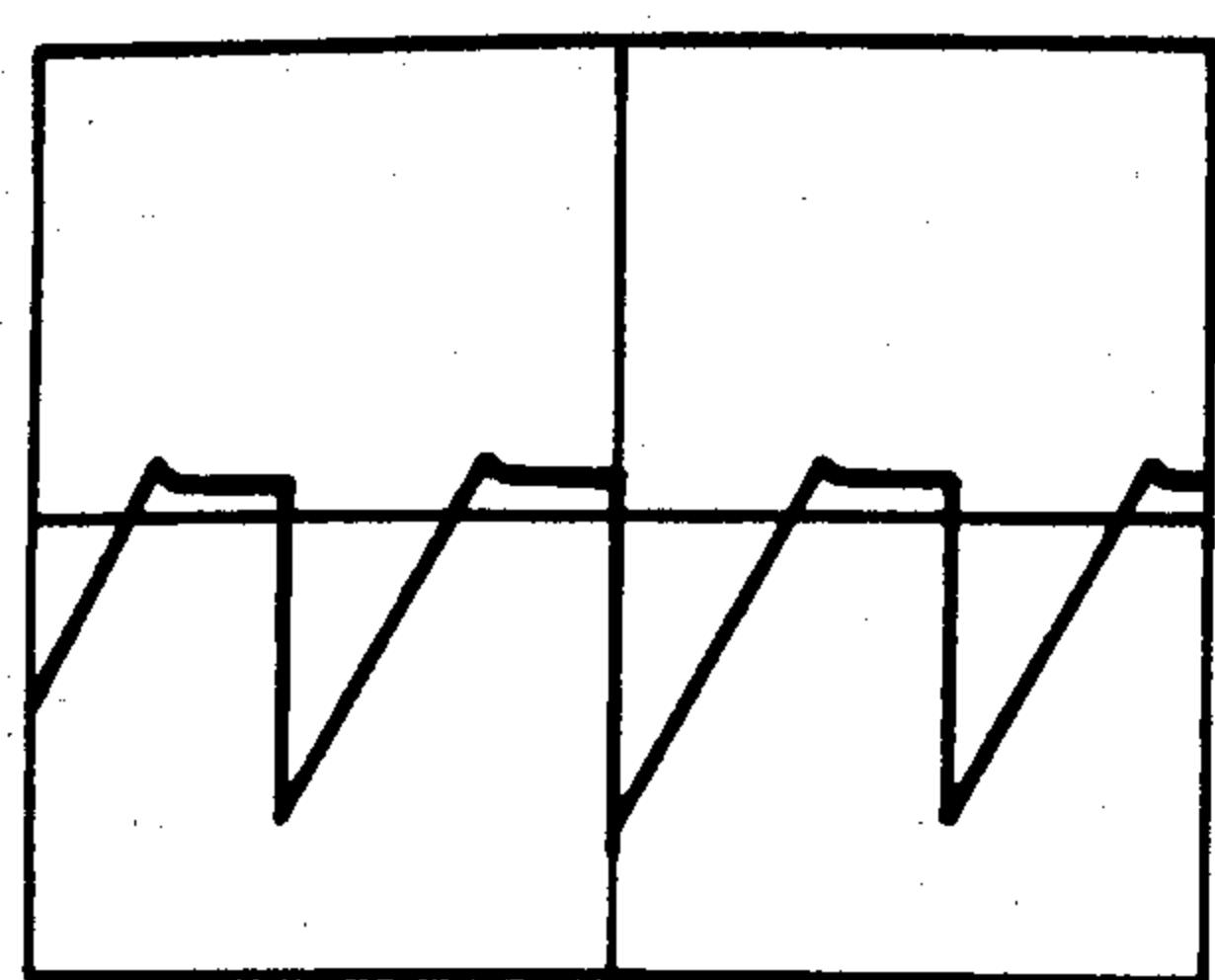
⑦ 8.0Vp-p
35.714KHz



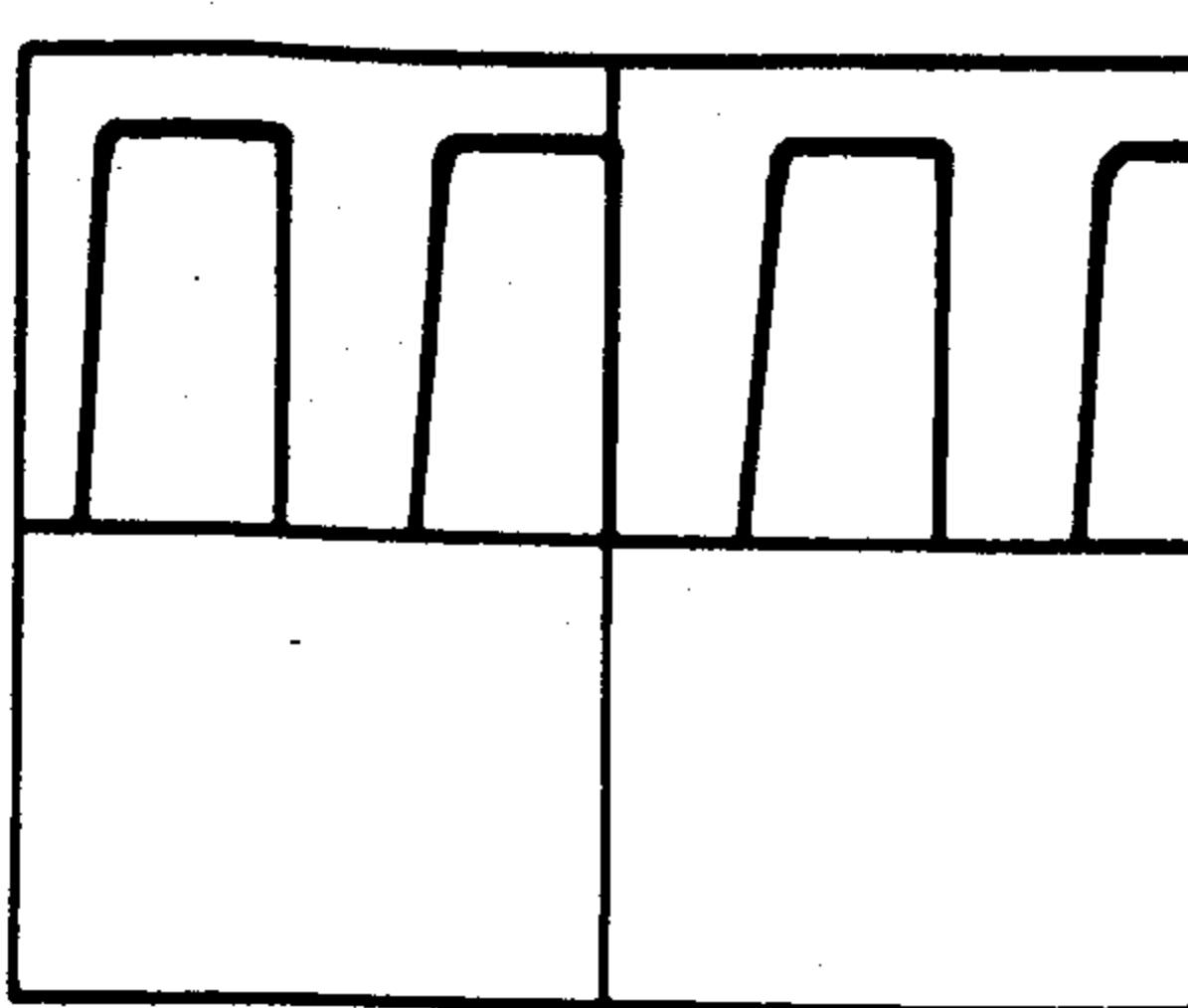
⑧ 7.2Vp-p
35.714KHz



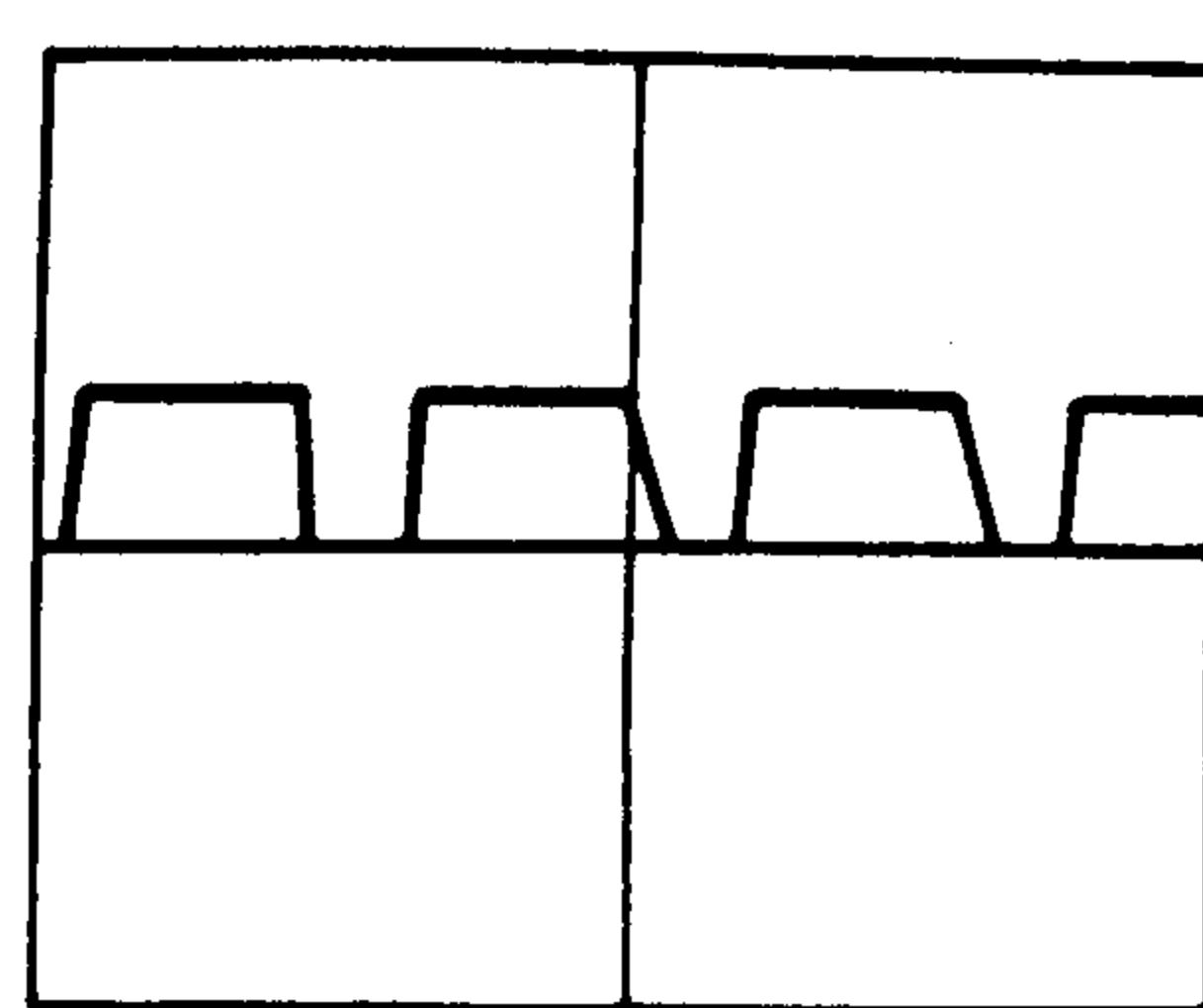
⑨ 7.0Vp-p
35.714KHz



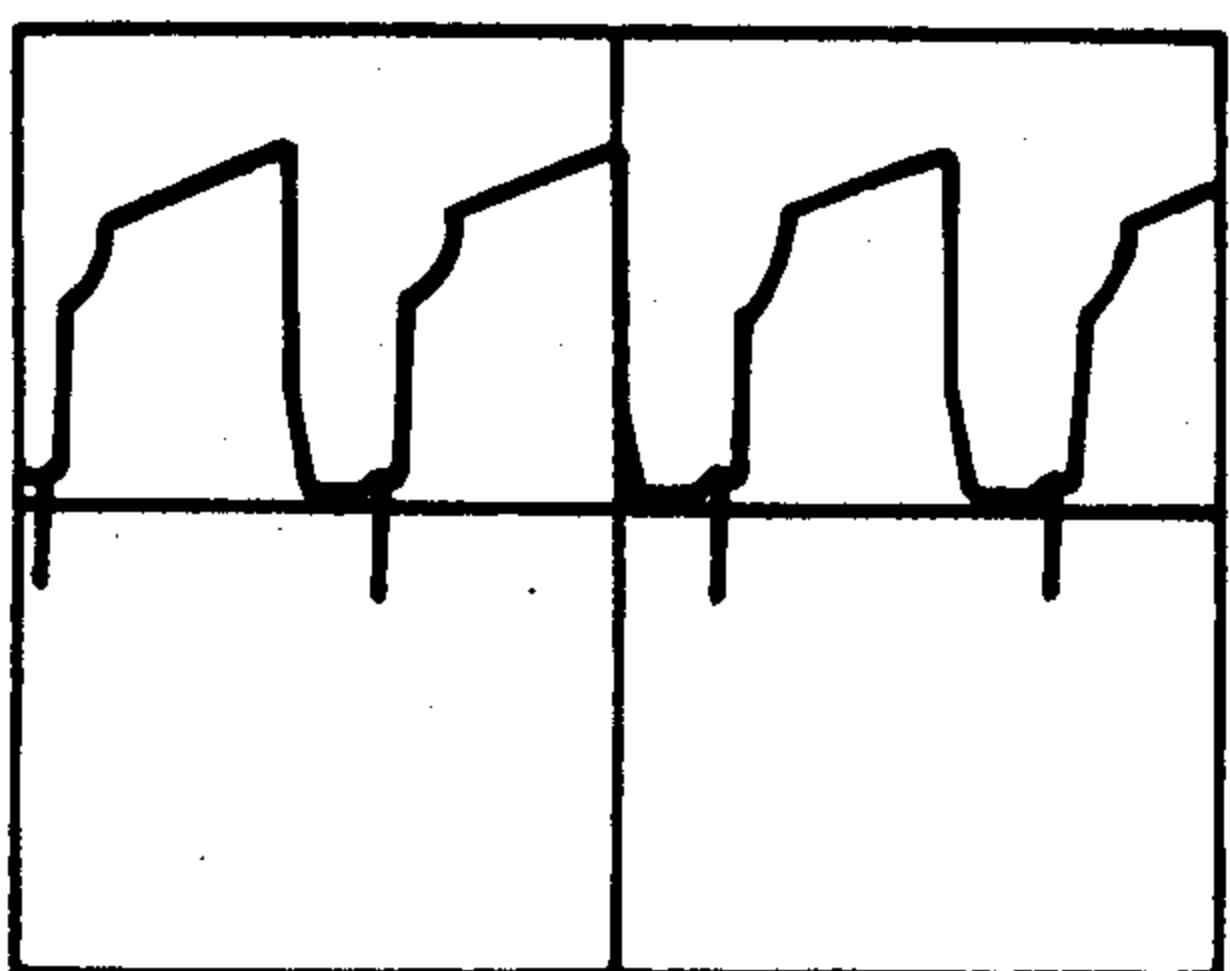
⑩ Vol: 6.4Vp-p
35.714KHz



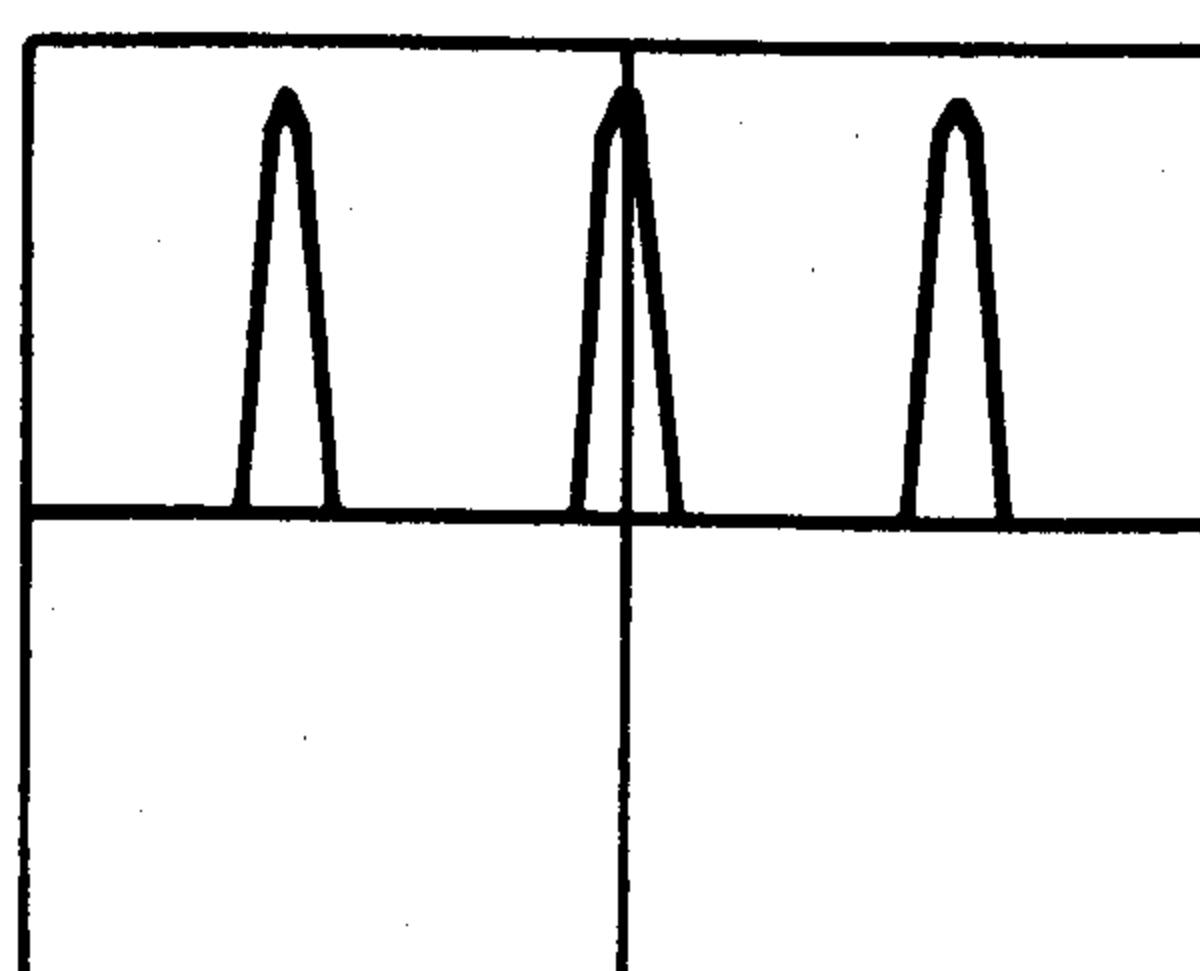
⑪ 7.0Vp-p
35.714KHz



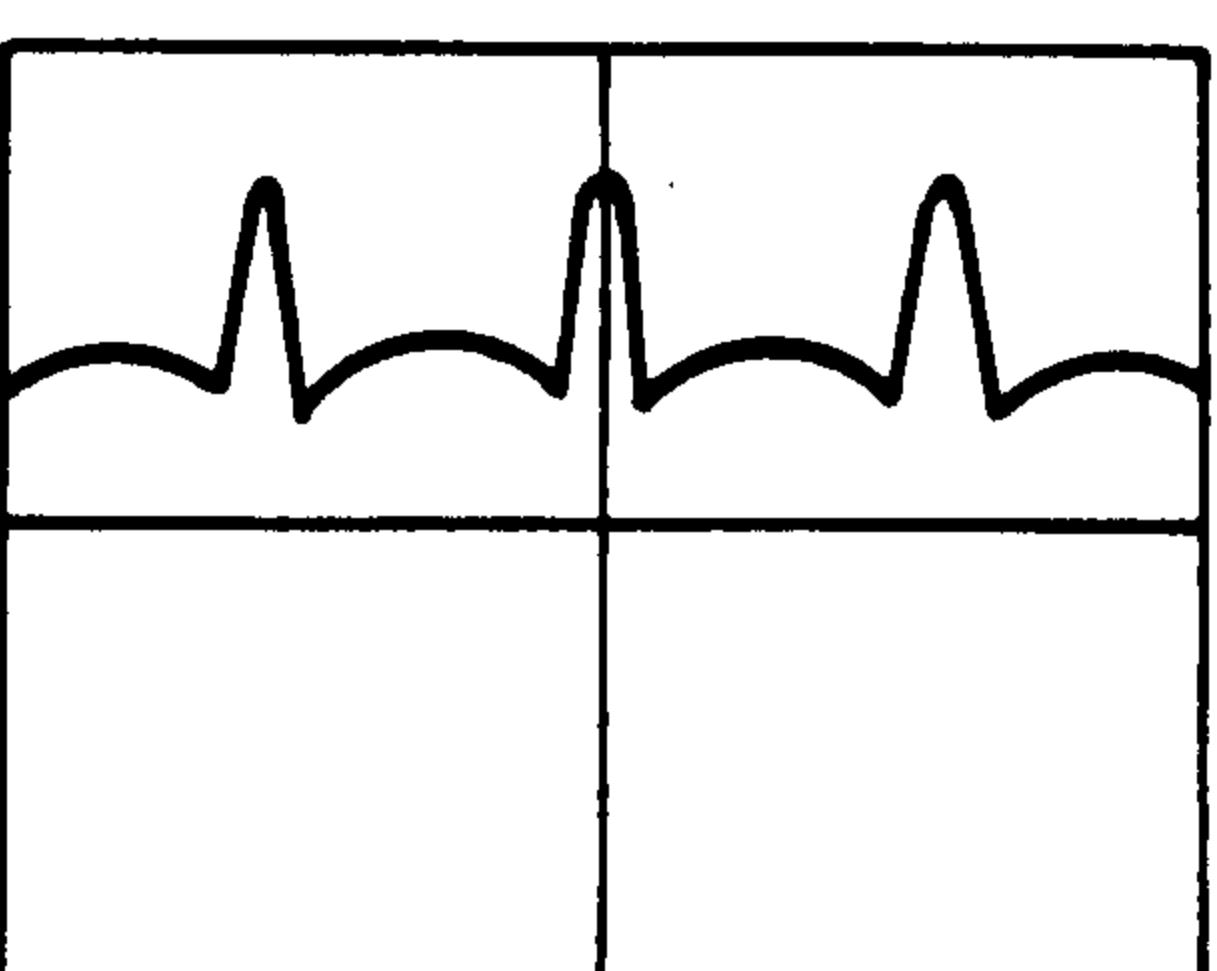
⑫ 0.7Vp-p
35.714KHz



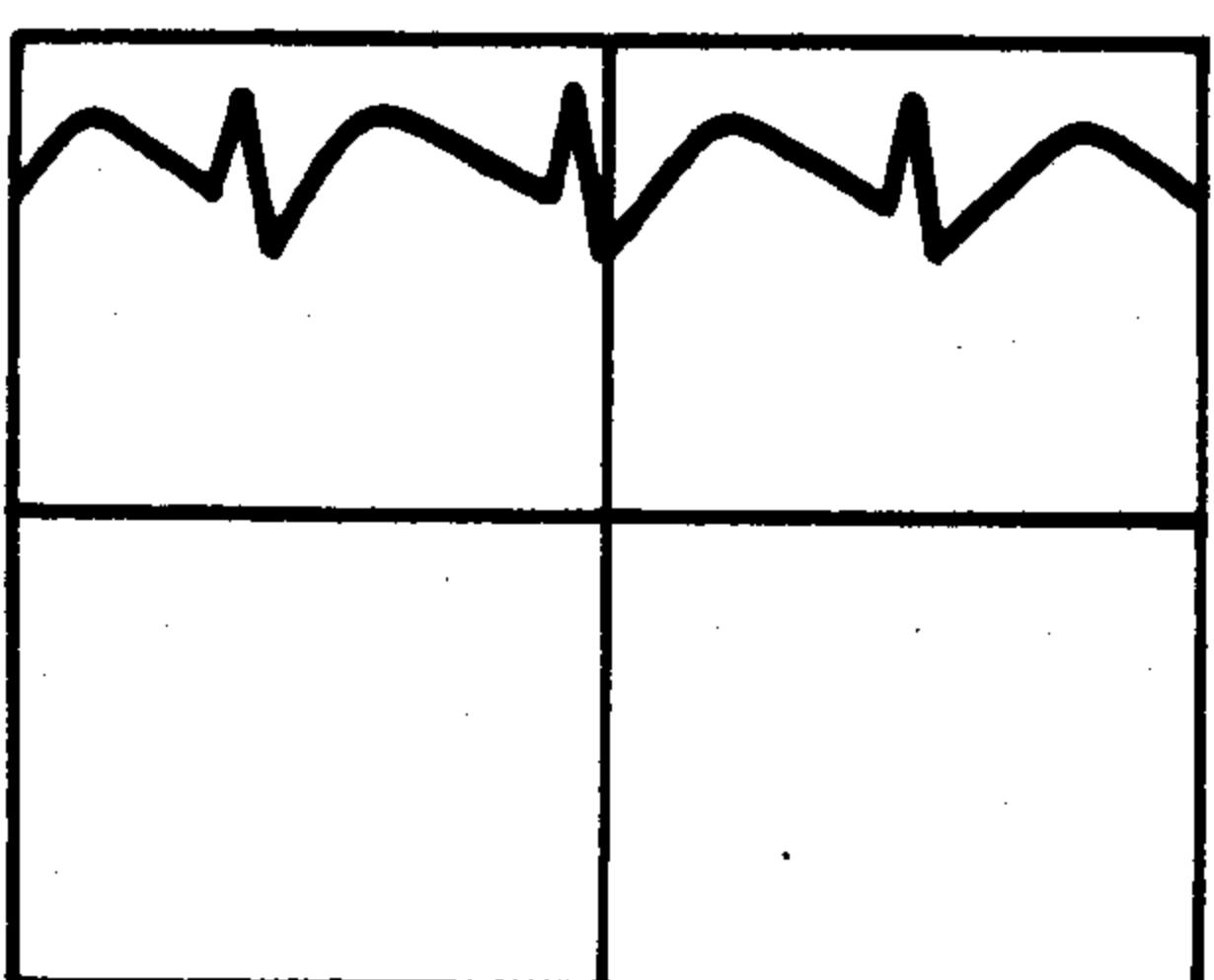
⑬ 4.71Vp-p
35.714KHz



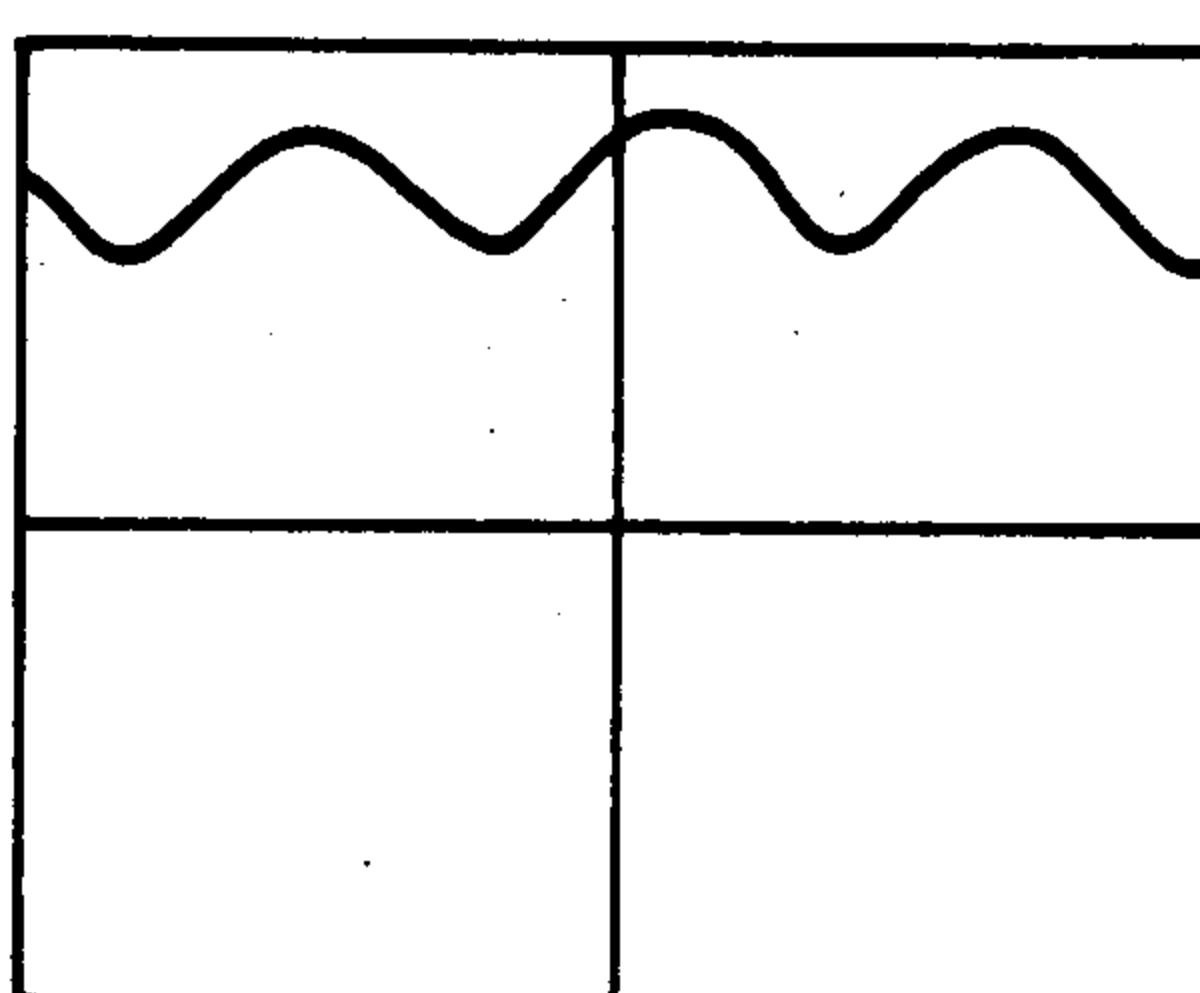
⑭ 180Vp-p
35.714KHz



⑮ 56Vp-p
35.714KHz



⑯ 38Vp-p
35.714KHz



⑰ 36Vp-p
35.714KHz

⑱ 11.8VDC

⑲ -70.0VDC

⑳ 69.5VDC

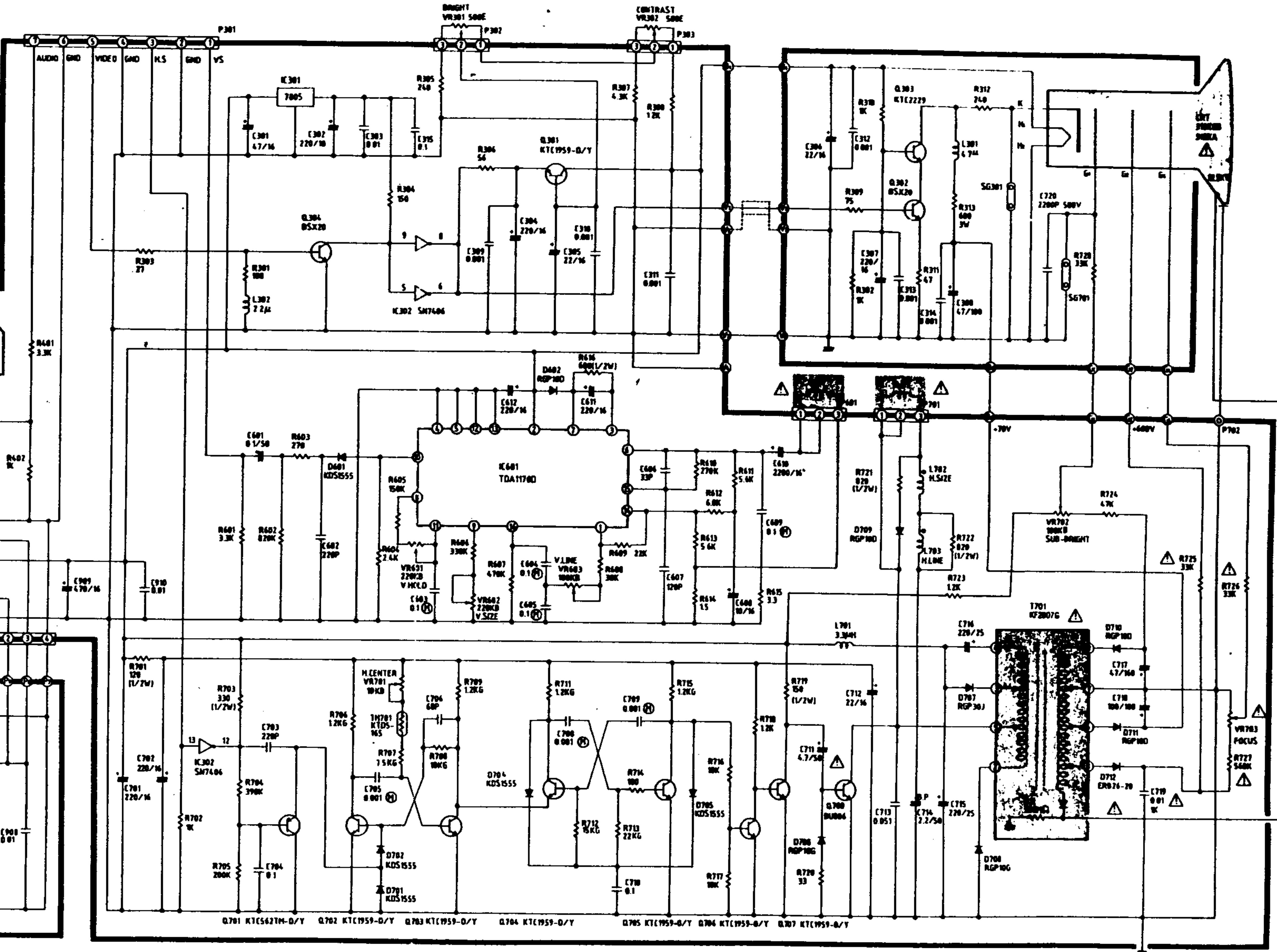
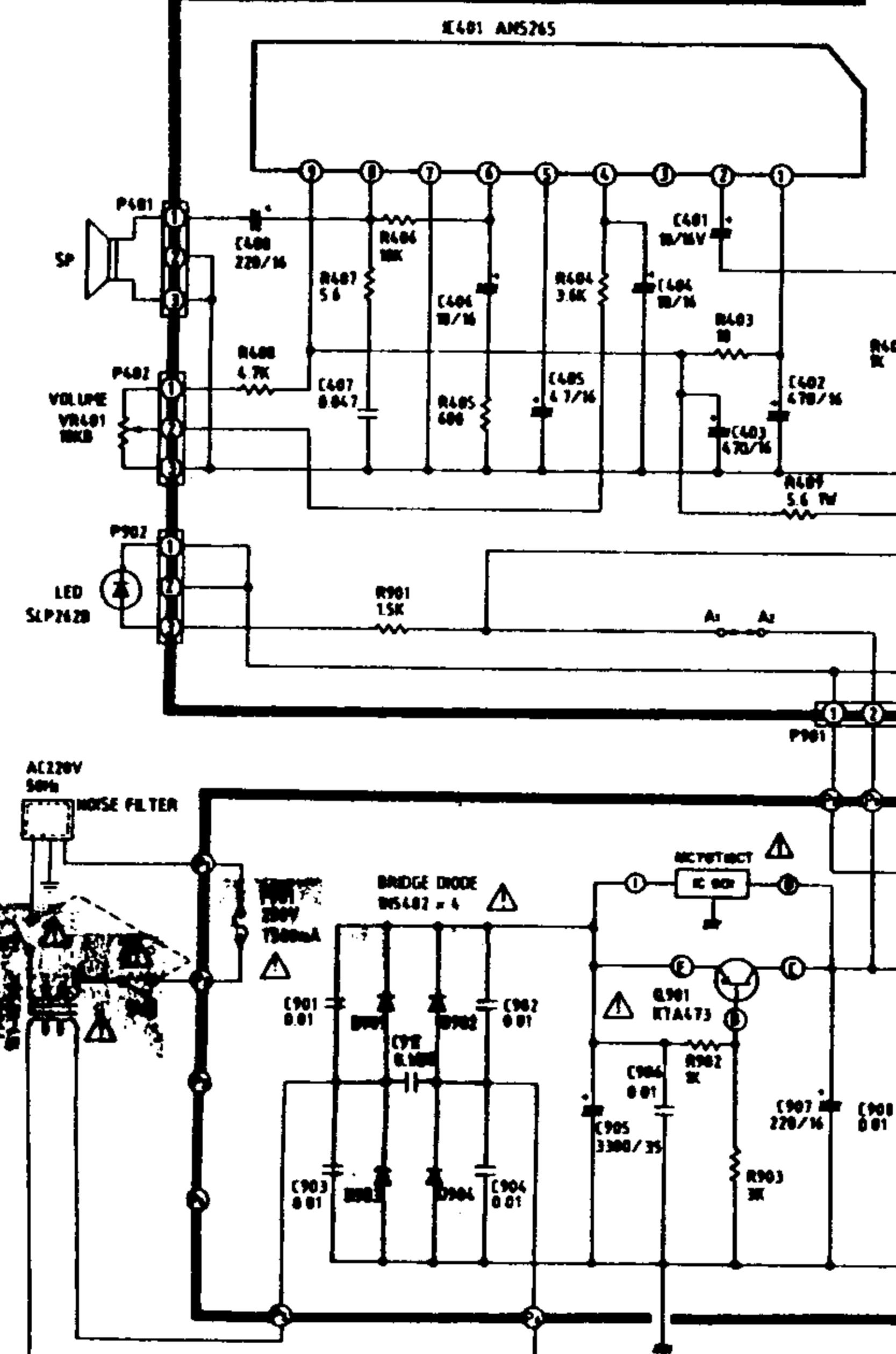
㉑ 28.8VDC

㉒ 600VDC

SCHEMATIC DIAGRAM

NOTES :

1. Resistors are shown in ohms
K = 1000, M = 1000,000
2. Capacitors are shown in μ F
otherwise noted P = μ M
3. All resistors are $\pm 5\%$ tolerance
Unless otherwise indicated.



**REPLACE ALL COMPONENTS
MARKED WITH SAFETY
SYMBOL WITH IDENTICAL TYPE**

IMPORTANT SAFETY NOTICE
THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FIRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

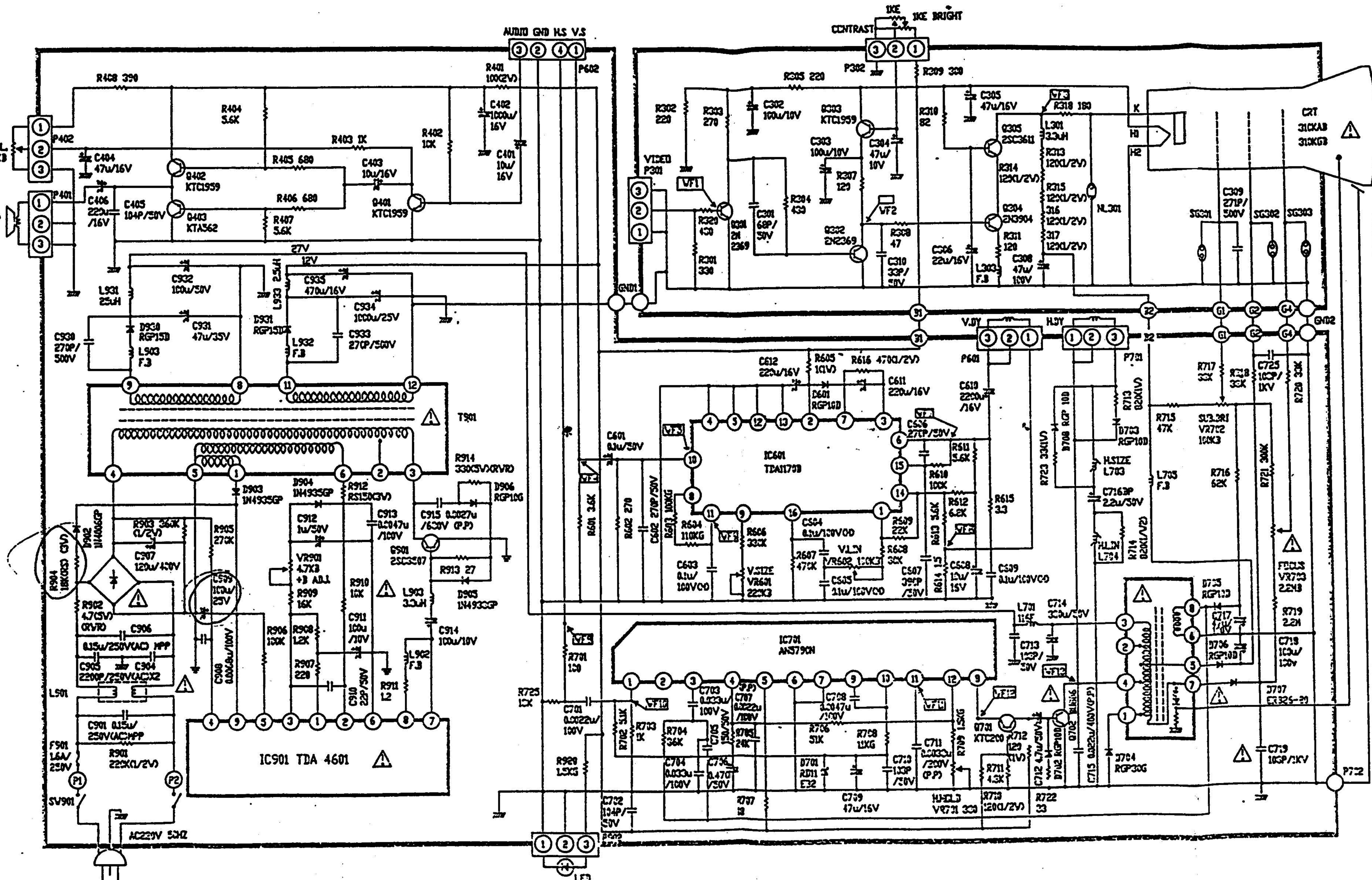
IMPORTANT AVIS SUR LA SÉCURITÉ

LA PARTIE OMBRÉE DE CE DIAGRAMME SCHÉMATIQUE COMPREND DES CARACTÉRISTIQUES SPÉCIALES CONÇUES POUR PROTÉGER DES RAYONS X, ET DES DANGERS D'INCENDIE ET DE SECOUSSES ÉLECTRIQUES EN CAS DE BESOIN. SI DES PIÈCES DE CETTE PARTIE OMBRÉE DOIVENT ÊTRE REMPLACÉES, N'UTILISEZ QUE DES PIÈCES SPÉCIFIÉES PAR LE MANUFACTURER.

MT-21 SCHEMATIC DIAGRAM

R 904 22k Ω 3W → 18k Ω 3W

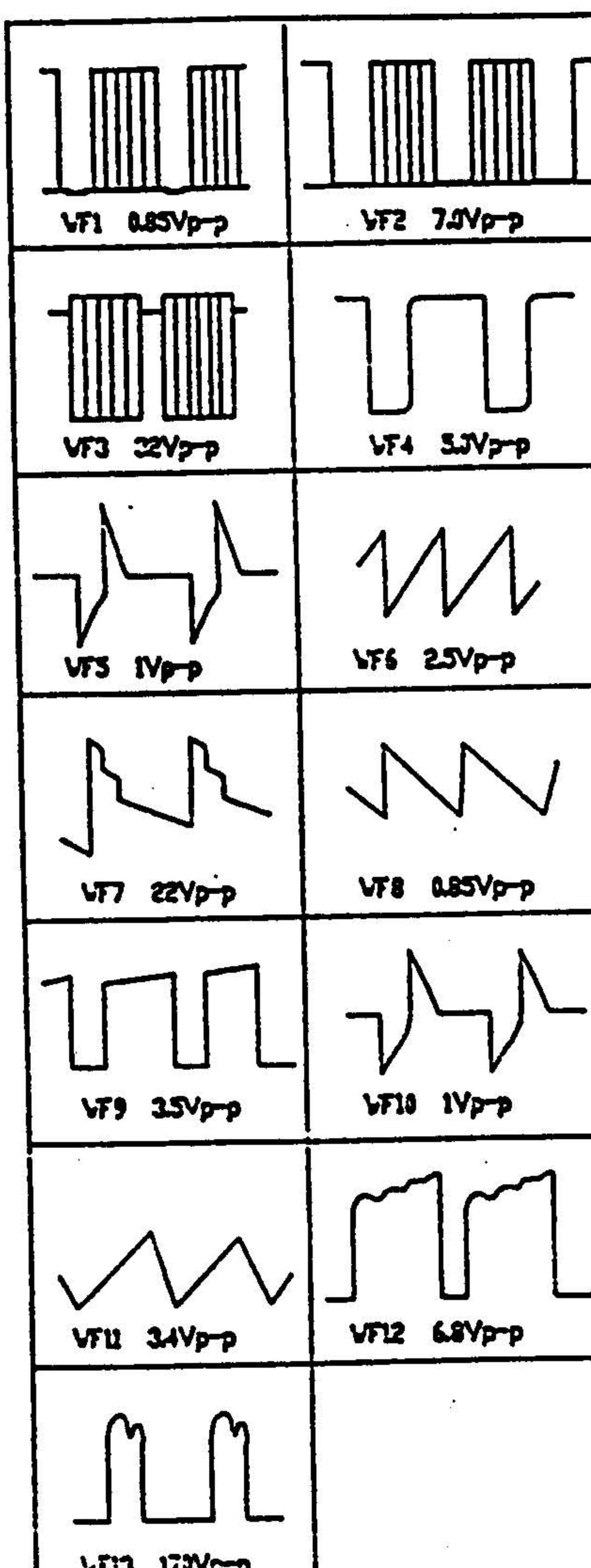
C 909 47/ $25V$ → 100/ $25V$



IMPORTANT SAFETY NOTICE
THE SHADeD AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES CRITICAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FIRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADeD AREA OF THE SCHEMATIC.

NOV - 6 - '87

N. S LEE



TROUBLESHOOTING CHART

MAIN CHART

Please Check the Monitor and the PC how to Connect exactly.

LED Lights ON?

No

Go to POWER chart.

Yes

Video something wrong?

Yes

Go to VIDEO chart.

No

Sound something wrong?

Yes

Go to SOUND chart.

No

Switch ON monitor, then check it after 15 minutes.

Yes

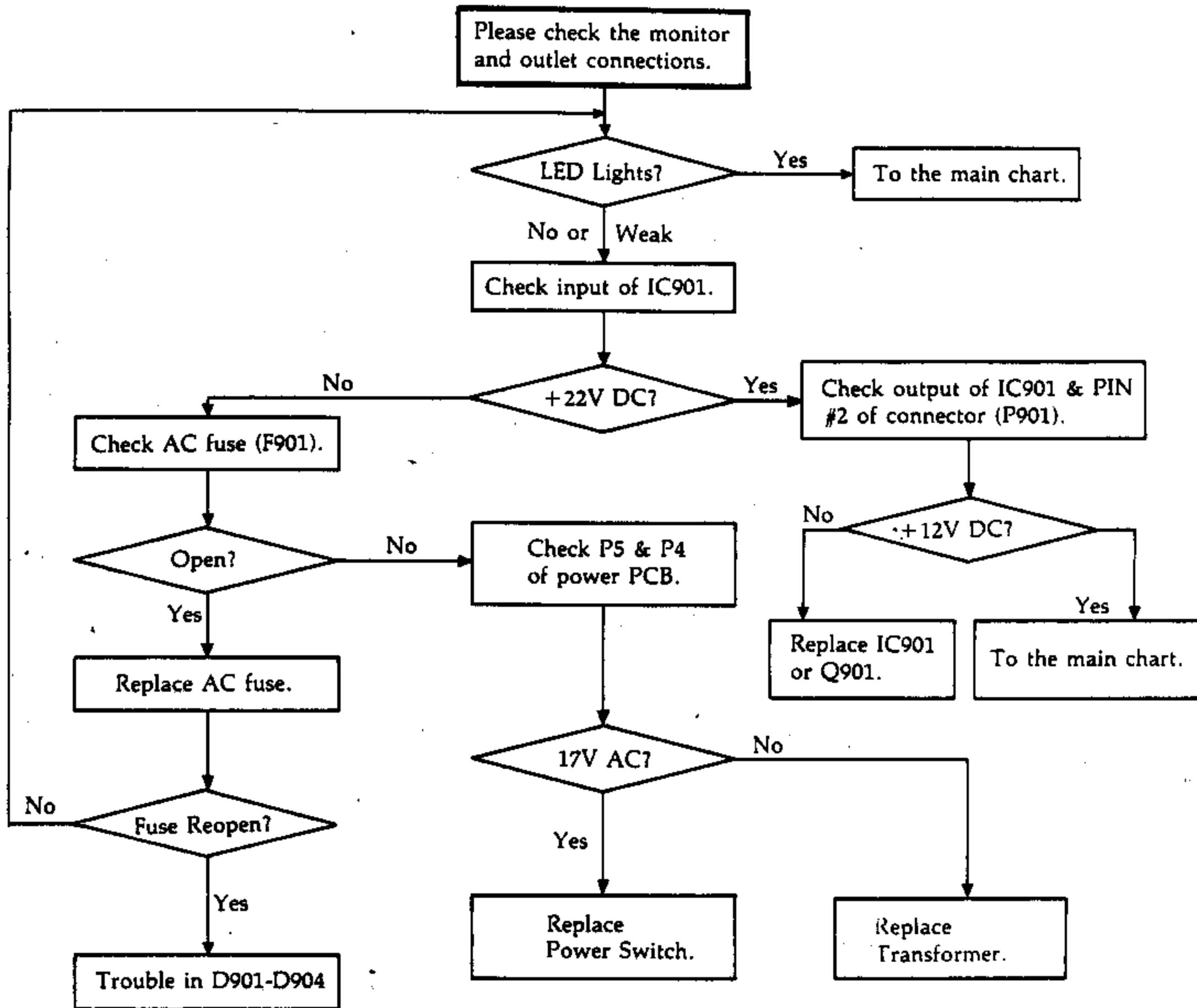
Something wrong?

No

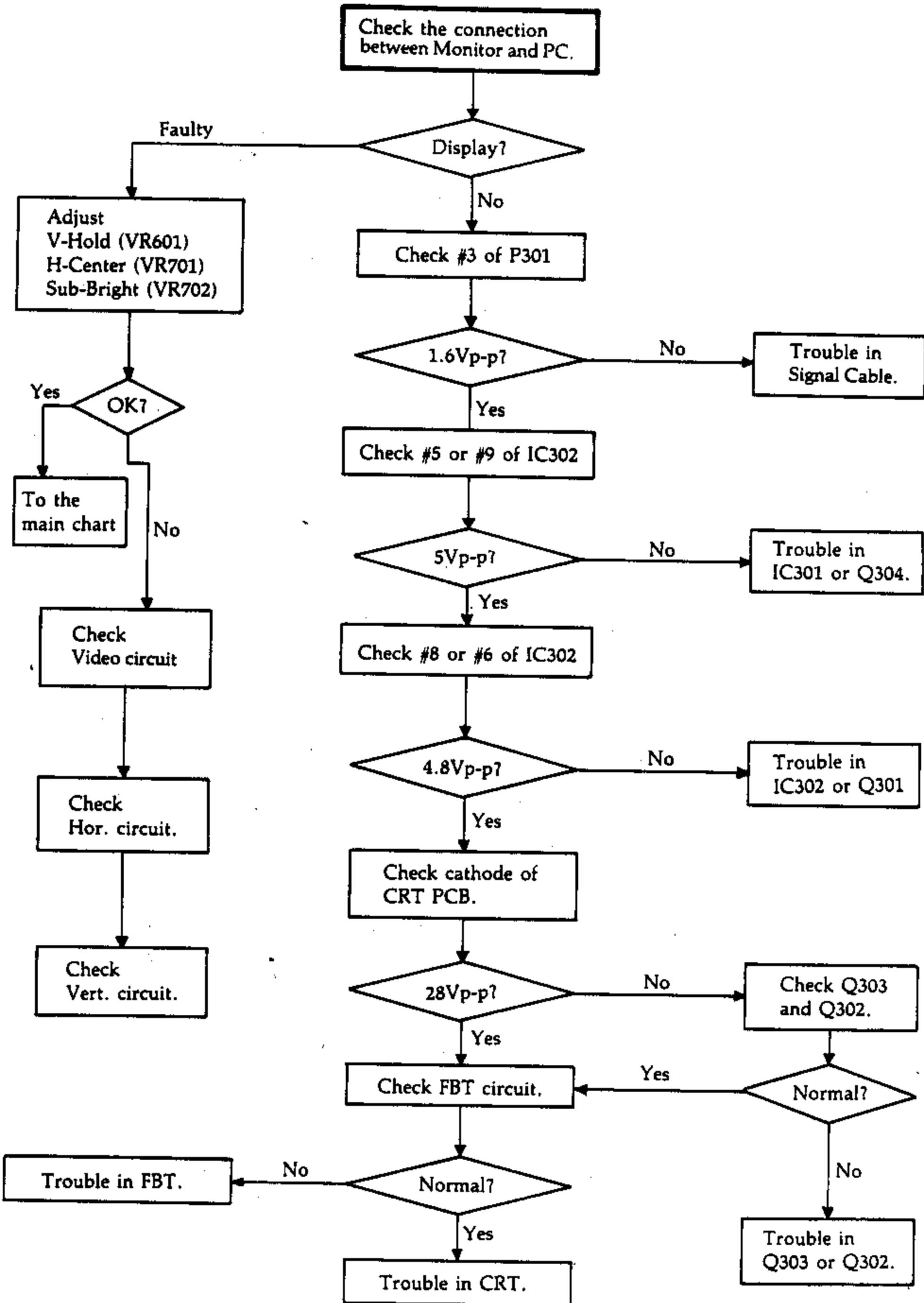
Adjustment

Good! Please return the set to owner.

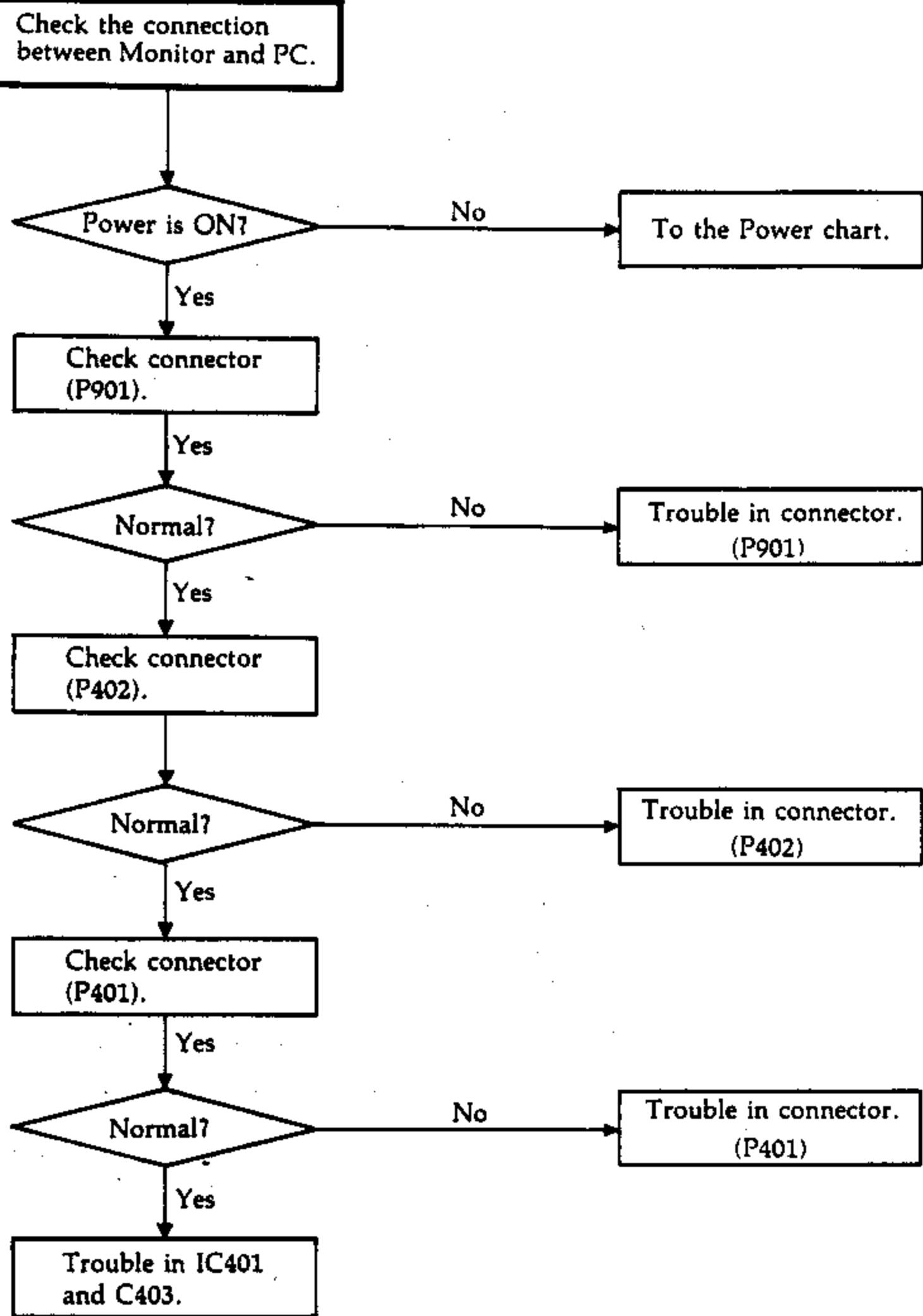
POWER CHART



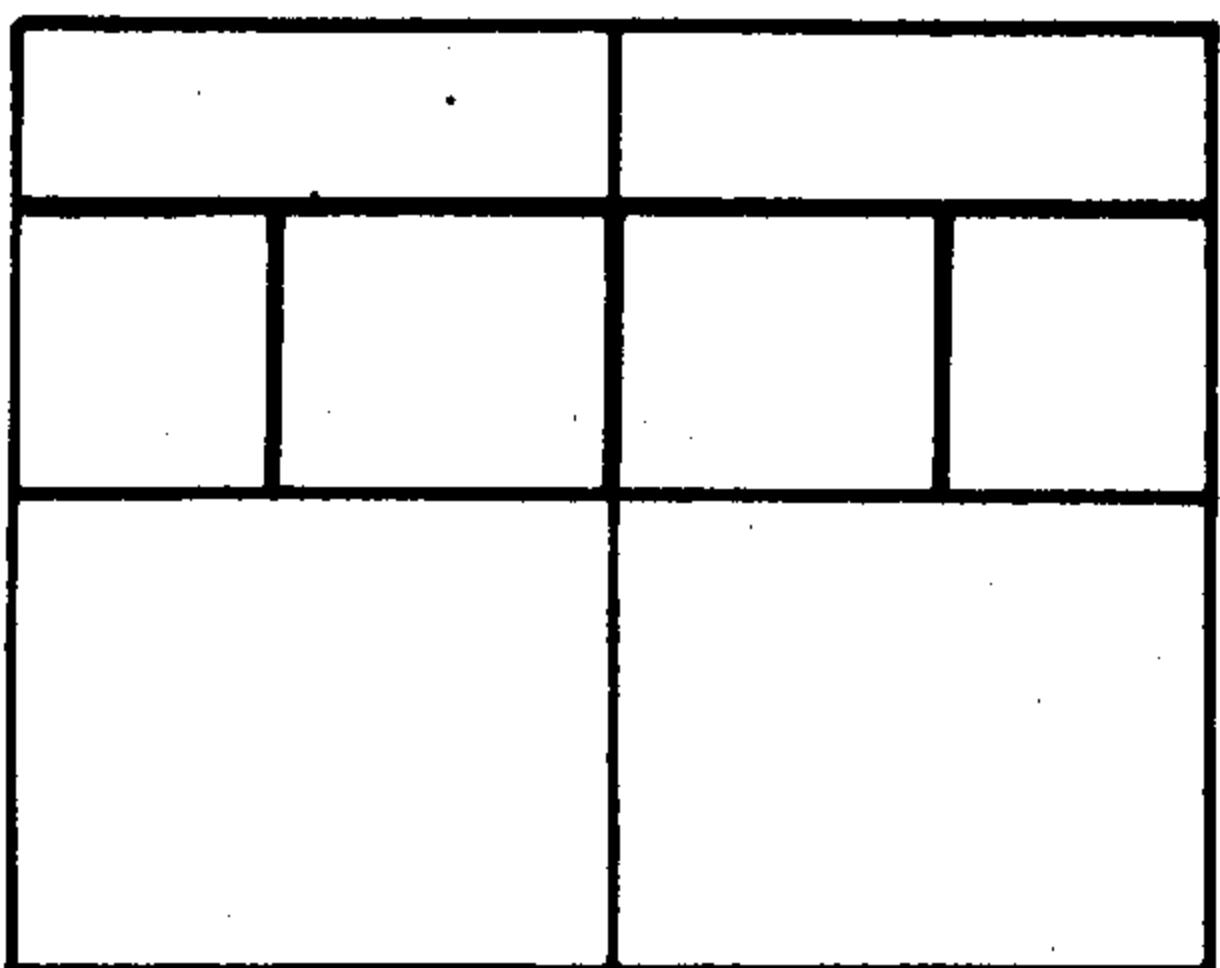
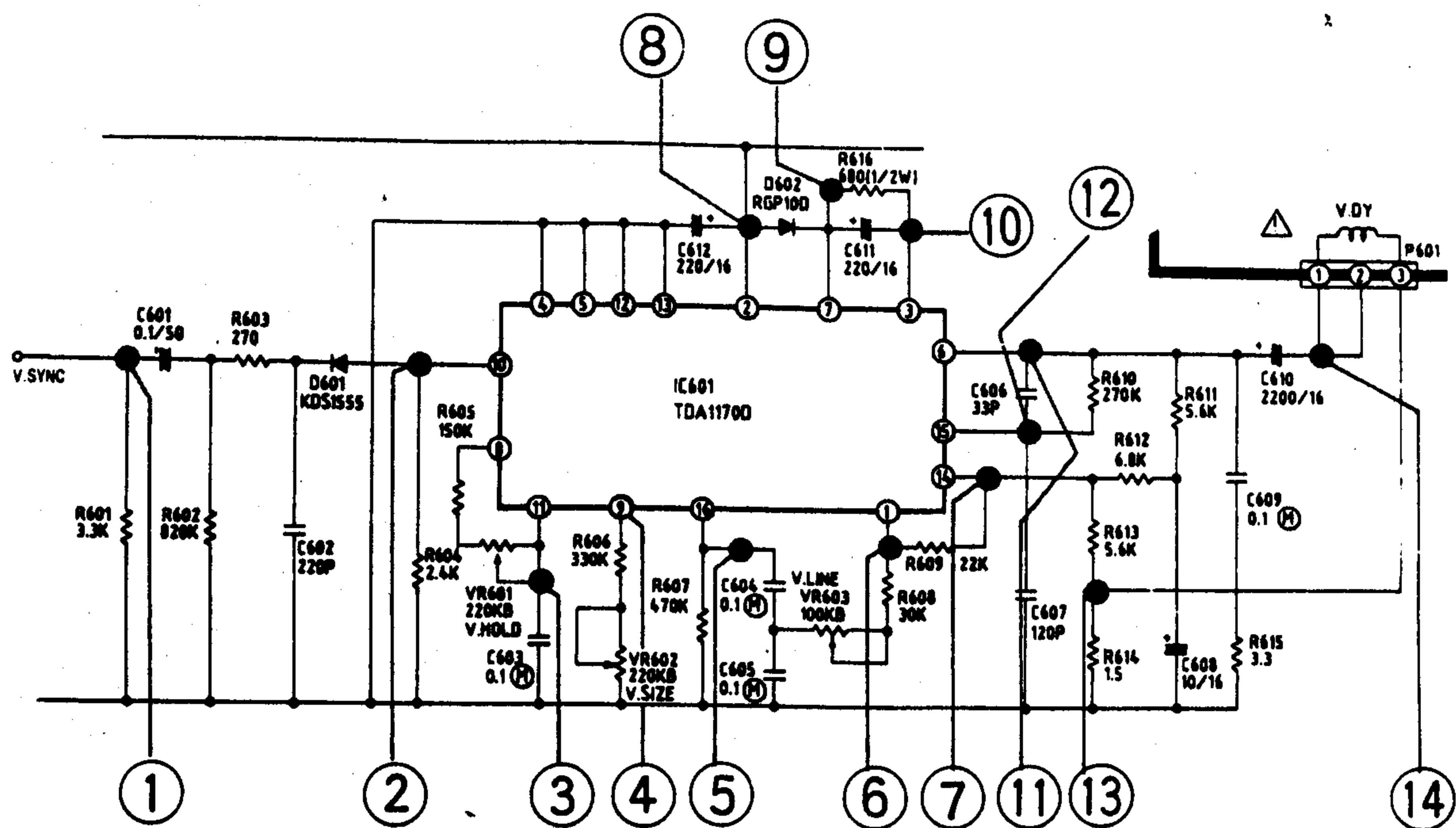
VIDEO CHART



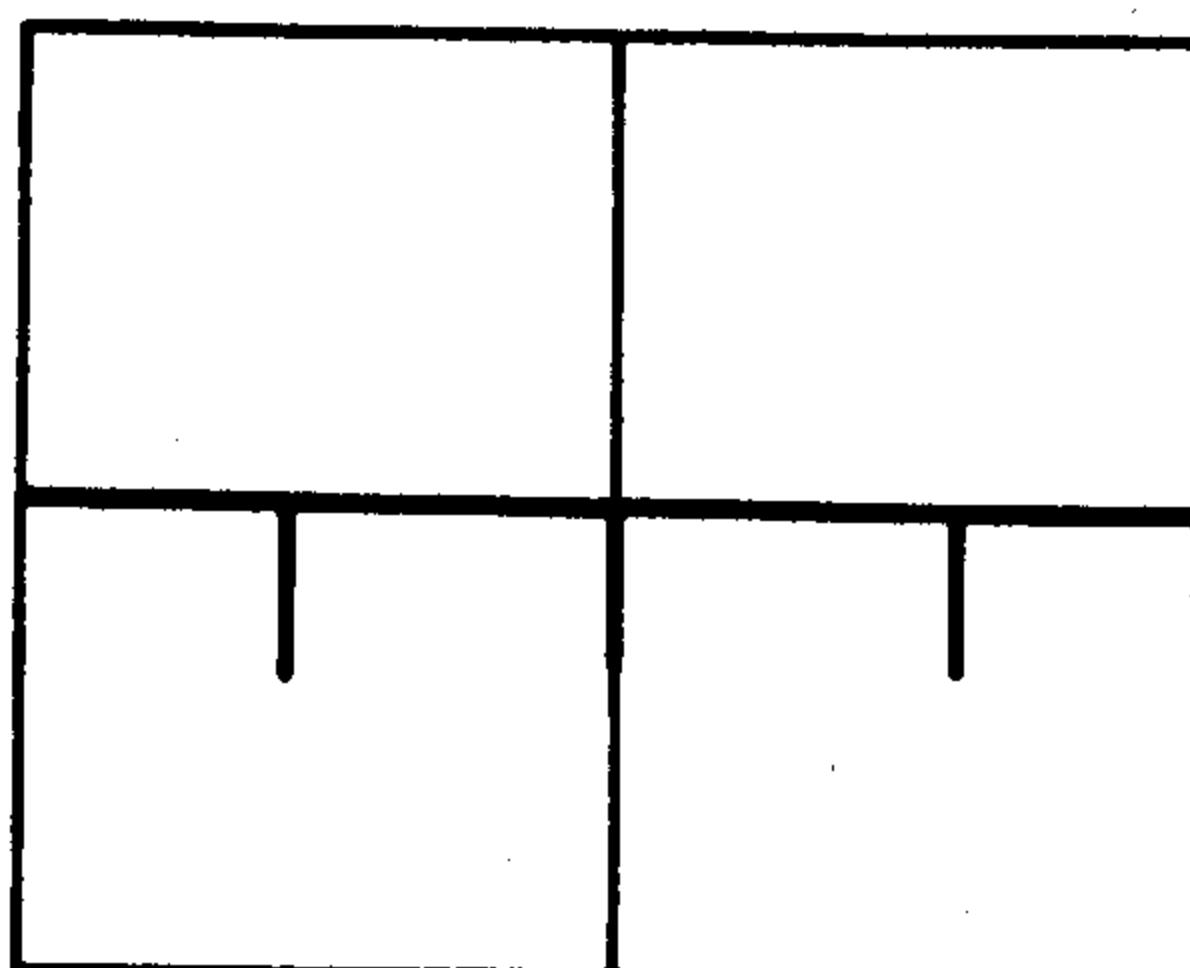
SOUND CHART



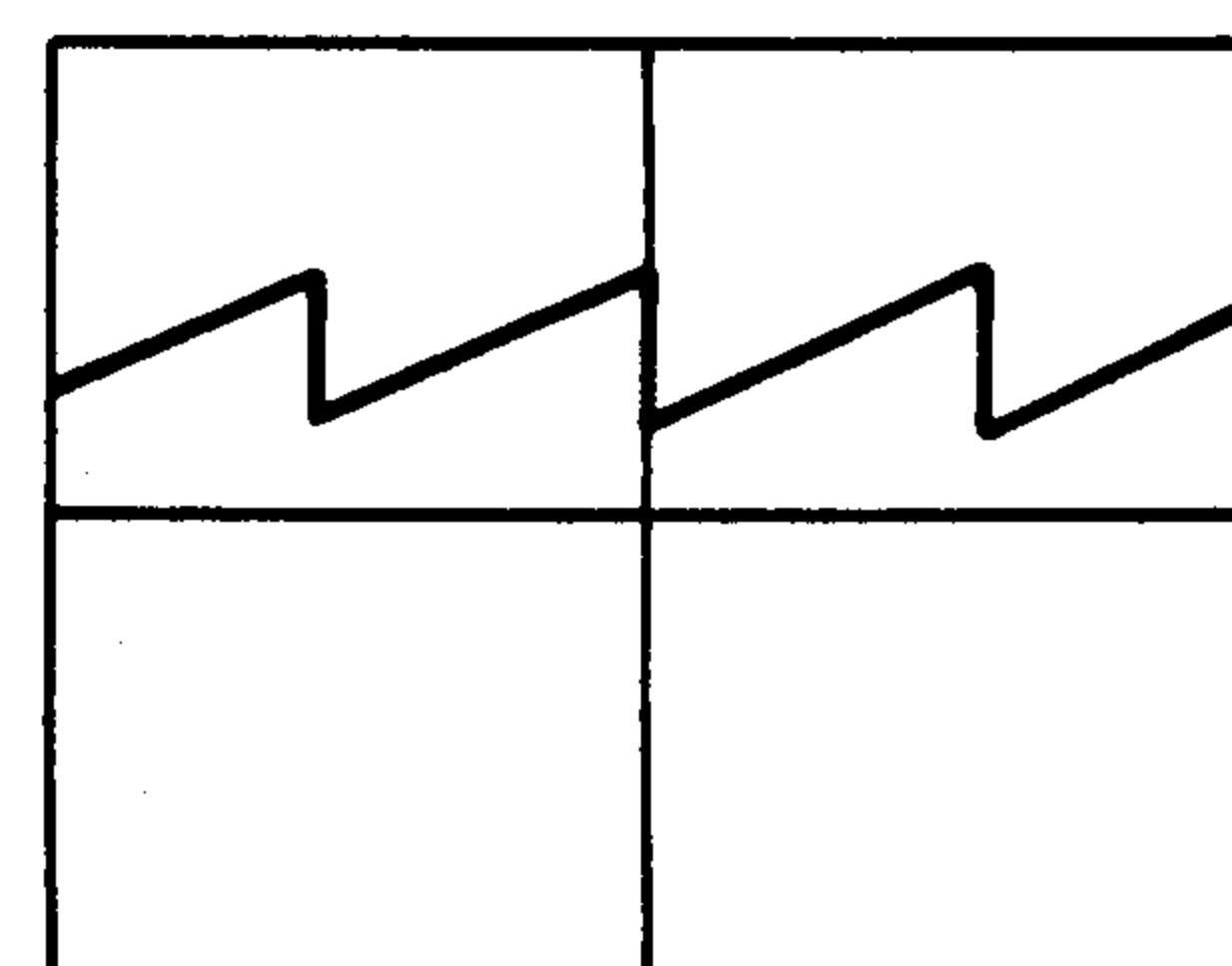
VERTICAL DEFLECTION CIRCUIT



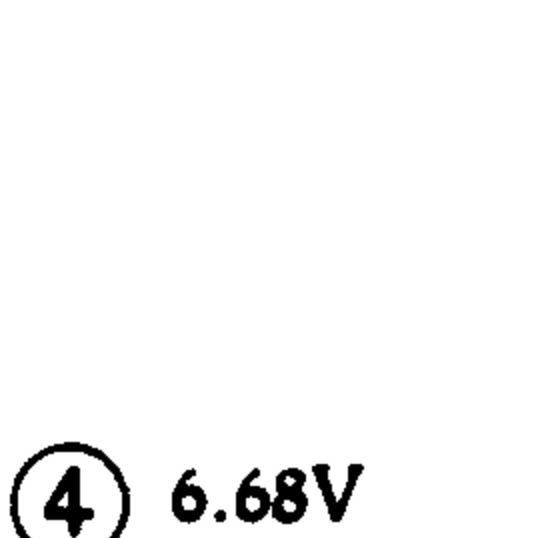
① 5.0Vp-p
71.43Hz



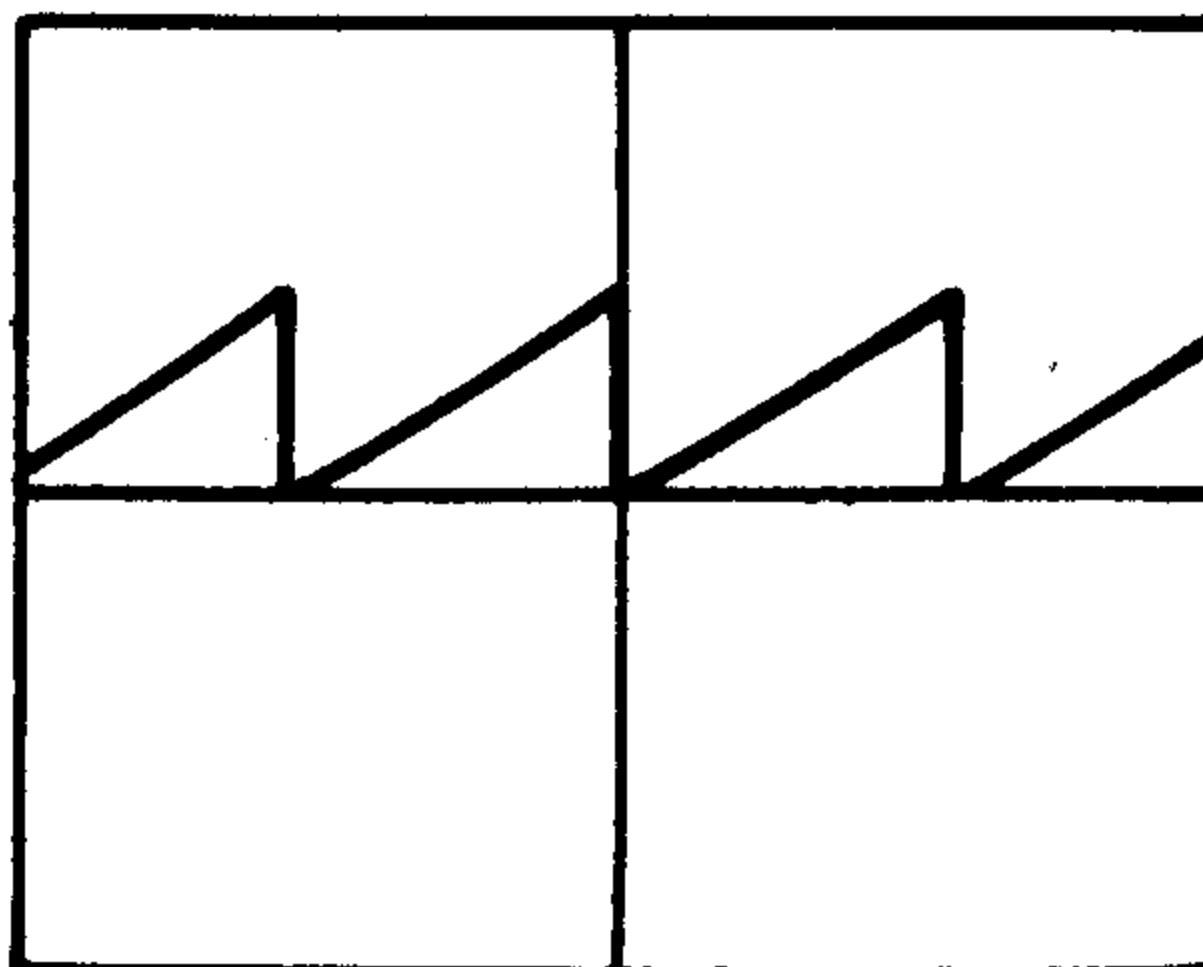
② 0.7Vp-p
71.43Hz



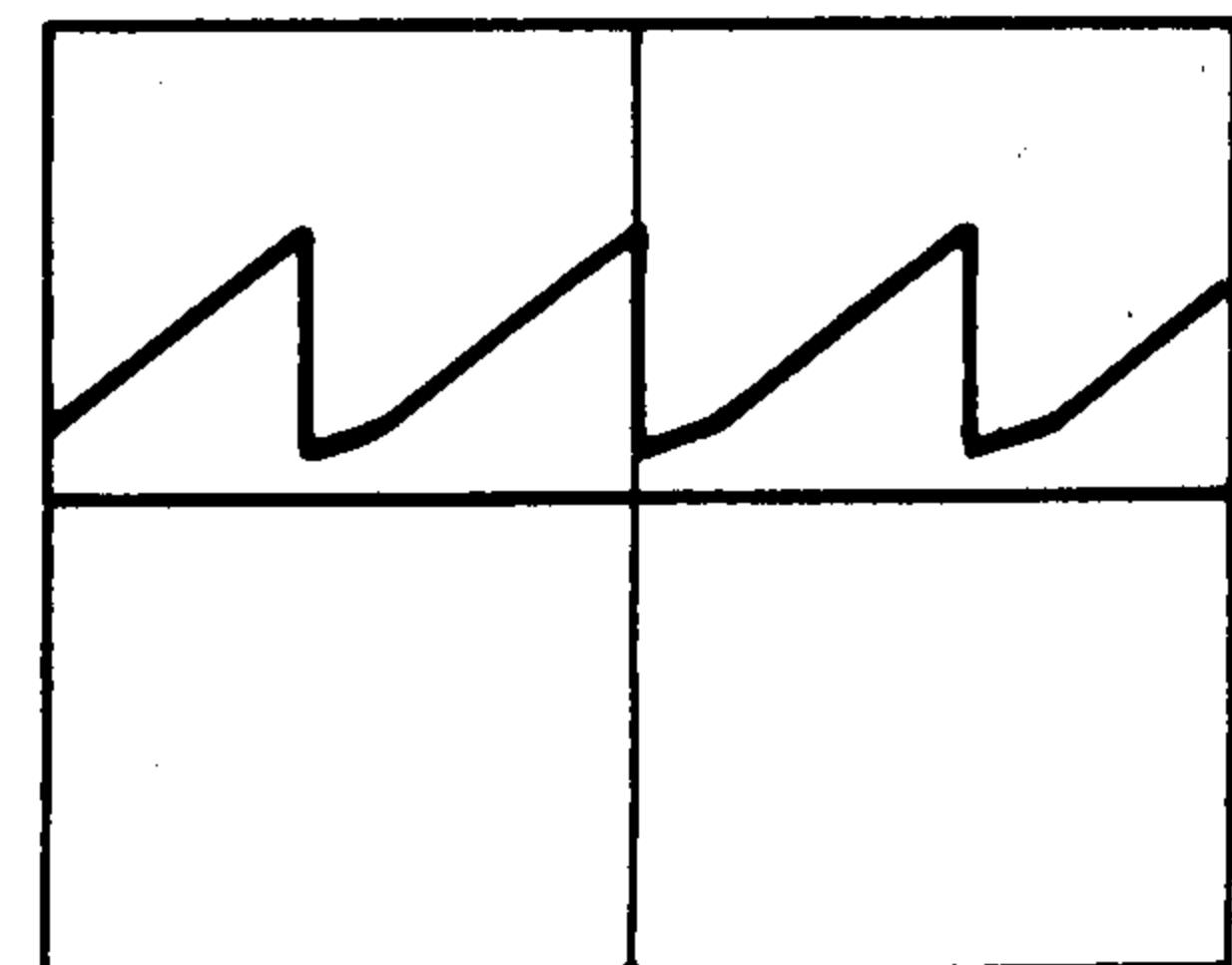
③ 4Vp-p
71.43Hz



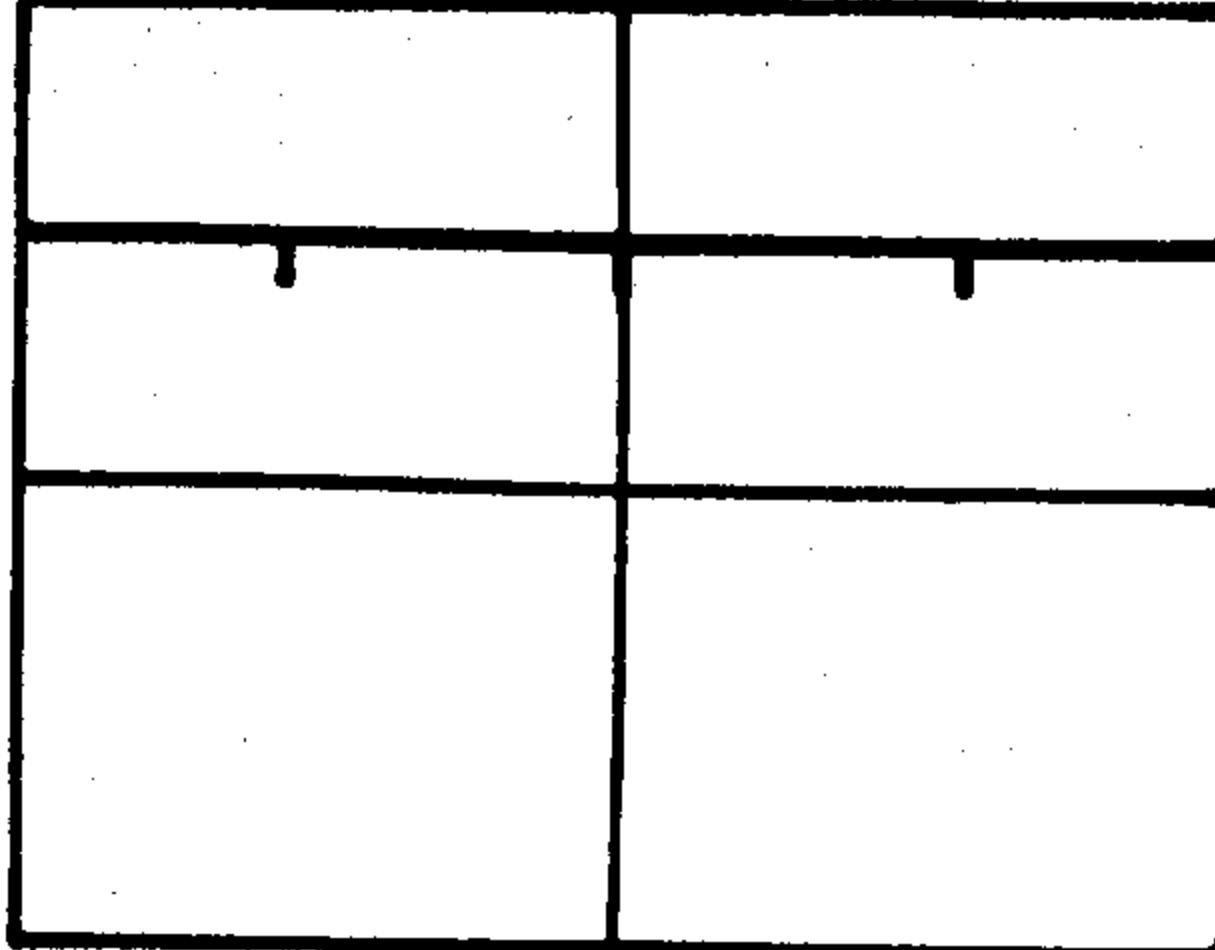
④ 6.68V



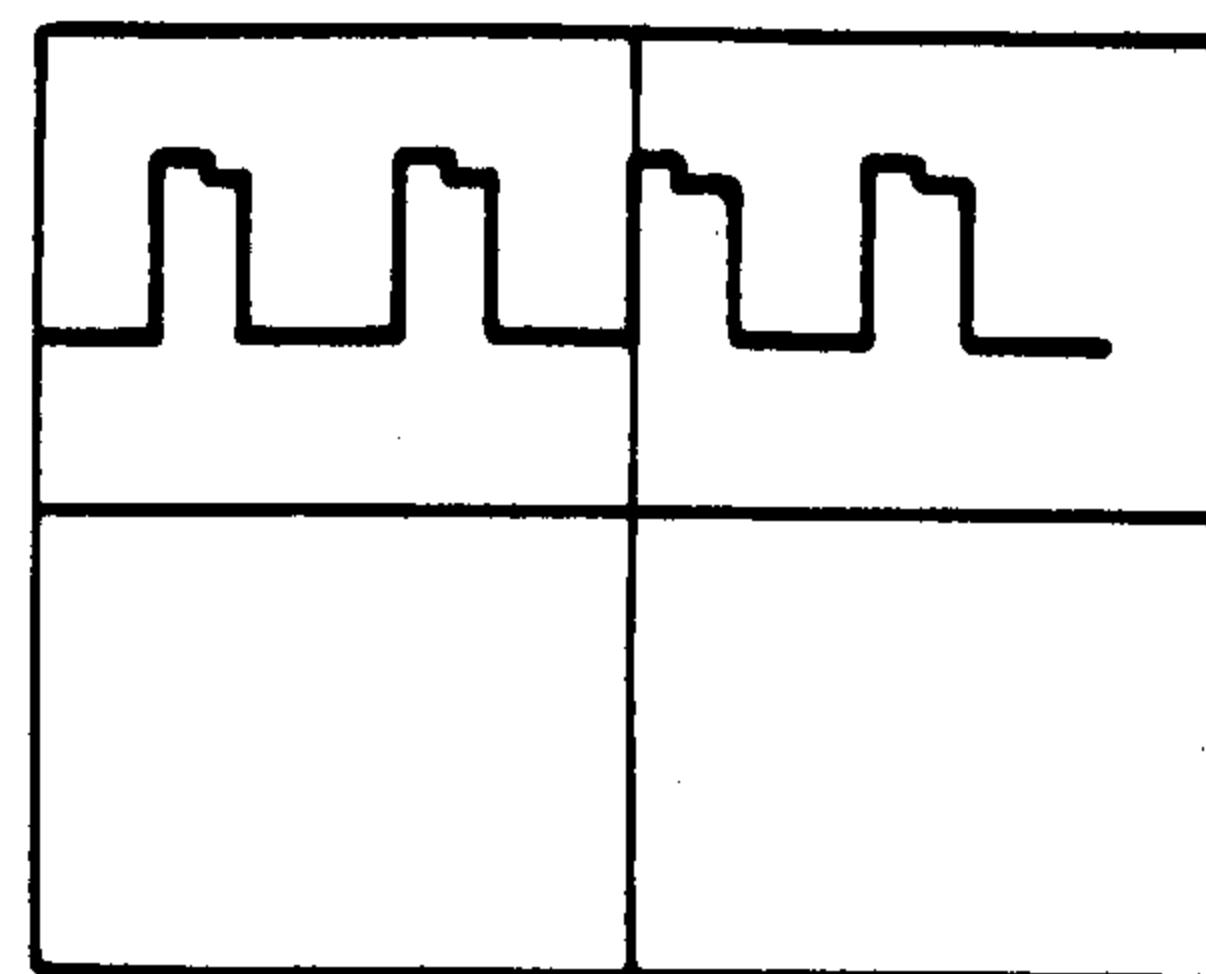
⑤ 4.0Vp-p
71.43Hz



⑥ 4.7Vp-p
71.43Hz

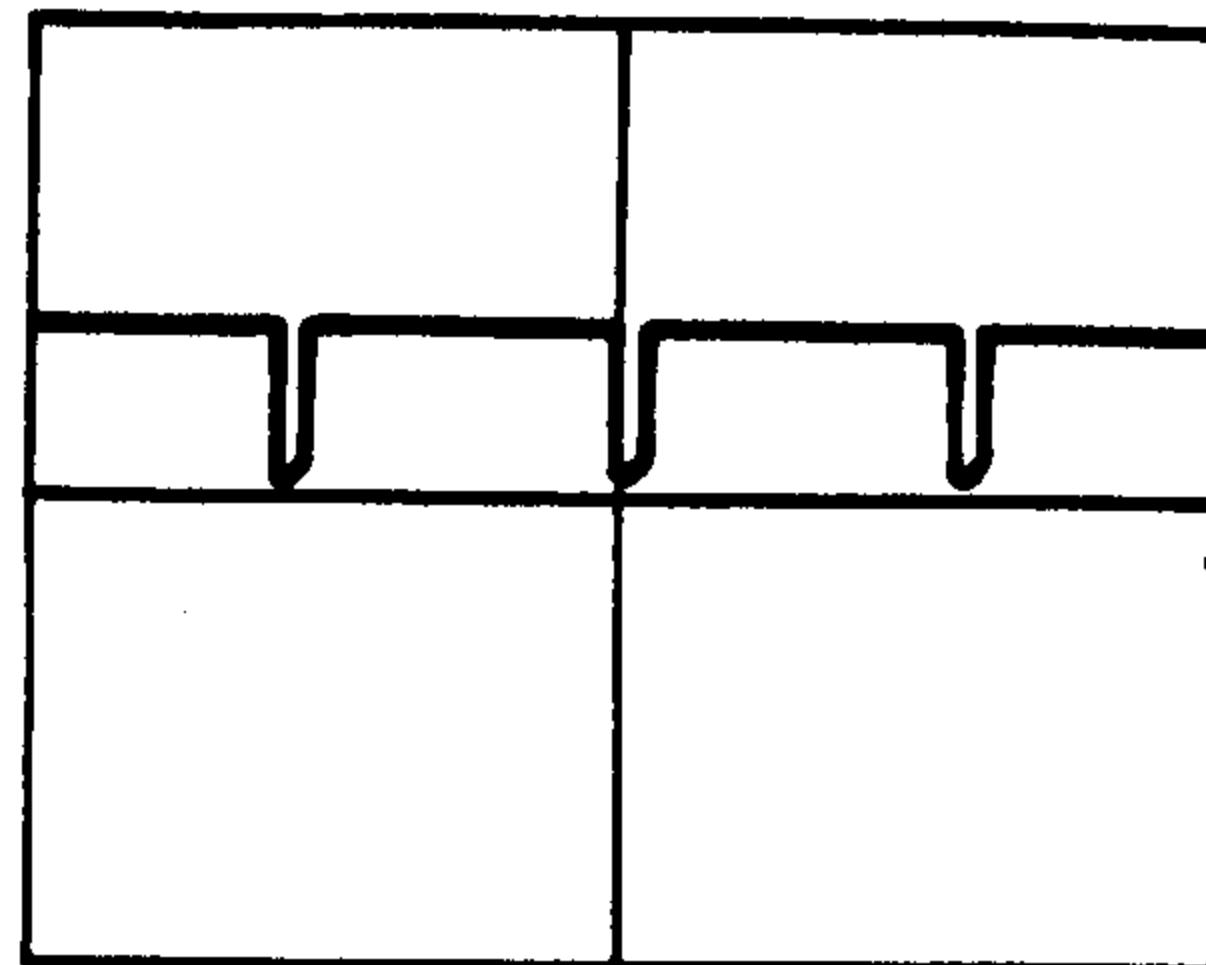
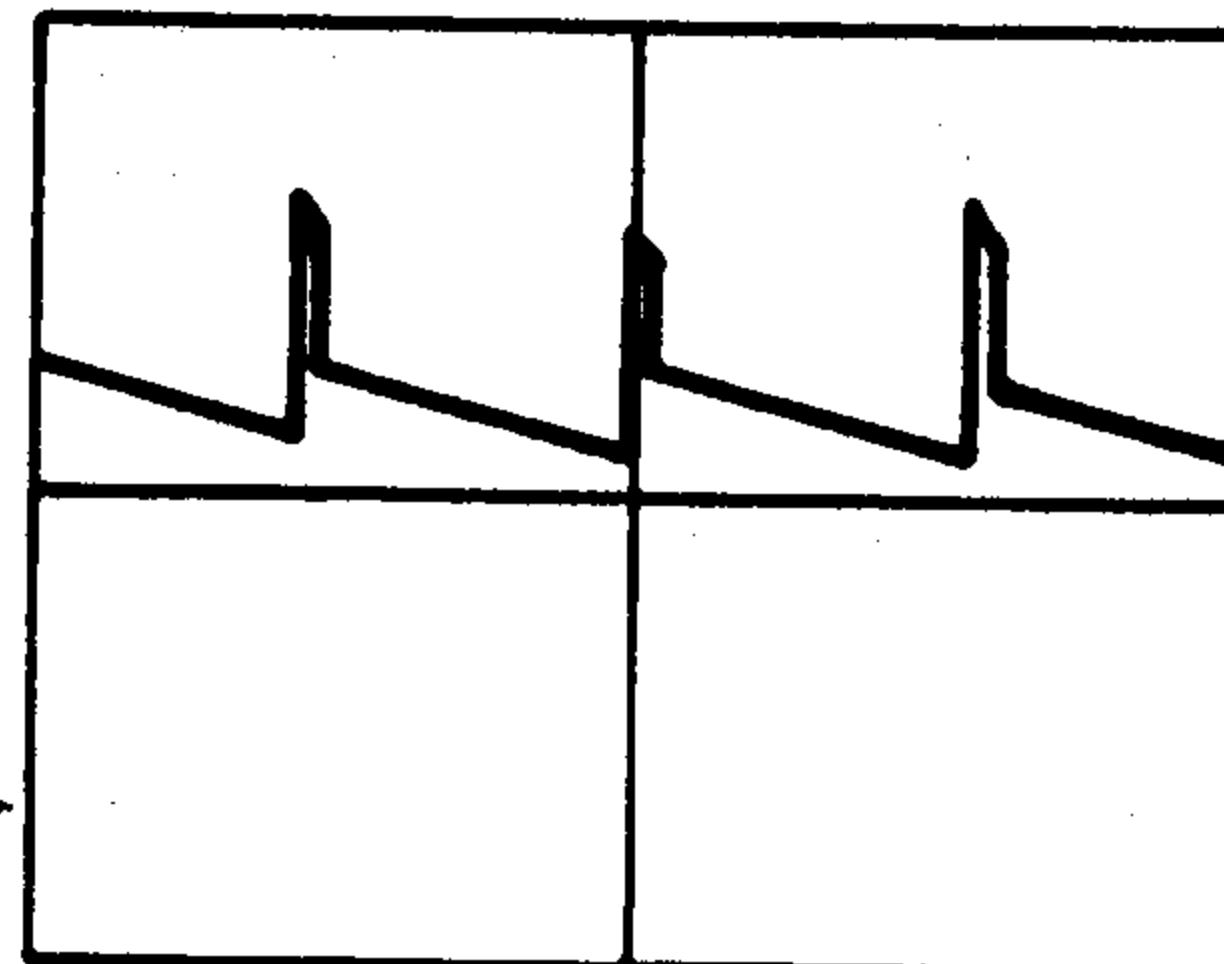
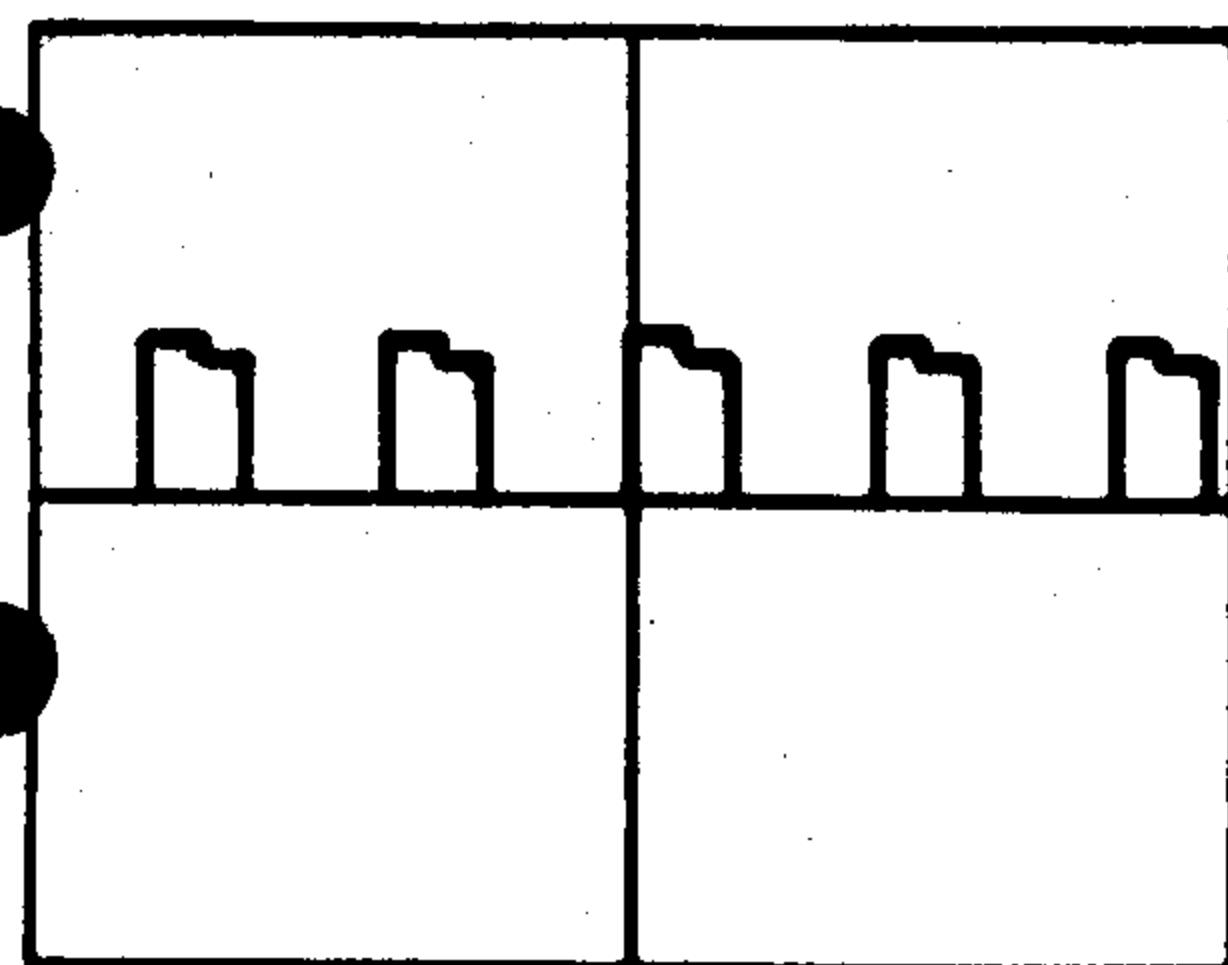


⑧ 11.92V



⑦ 2.1Vp-p
71.43Hz

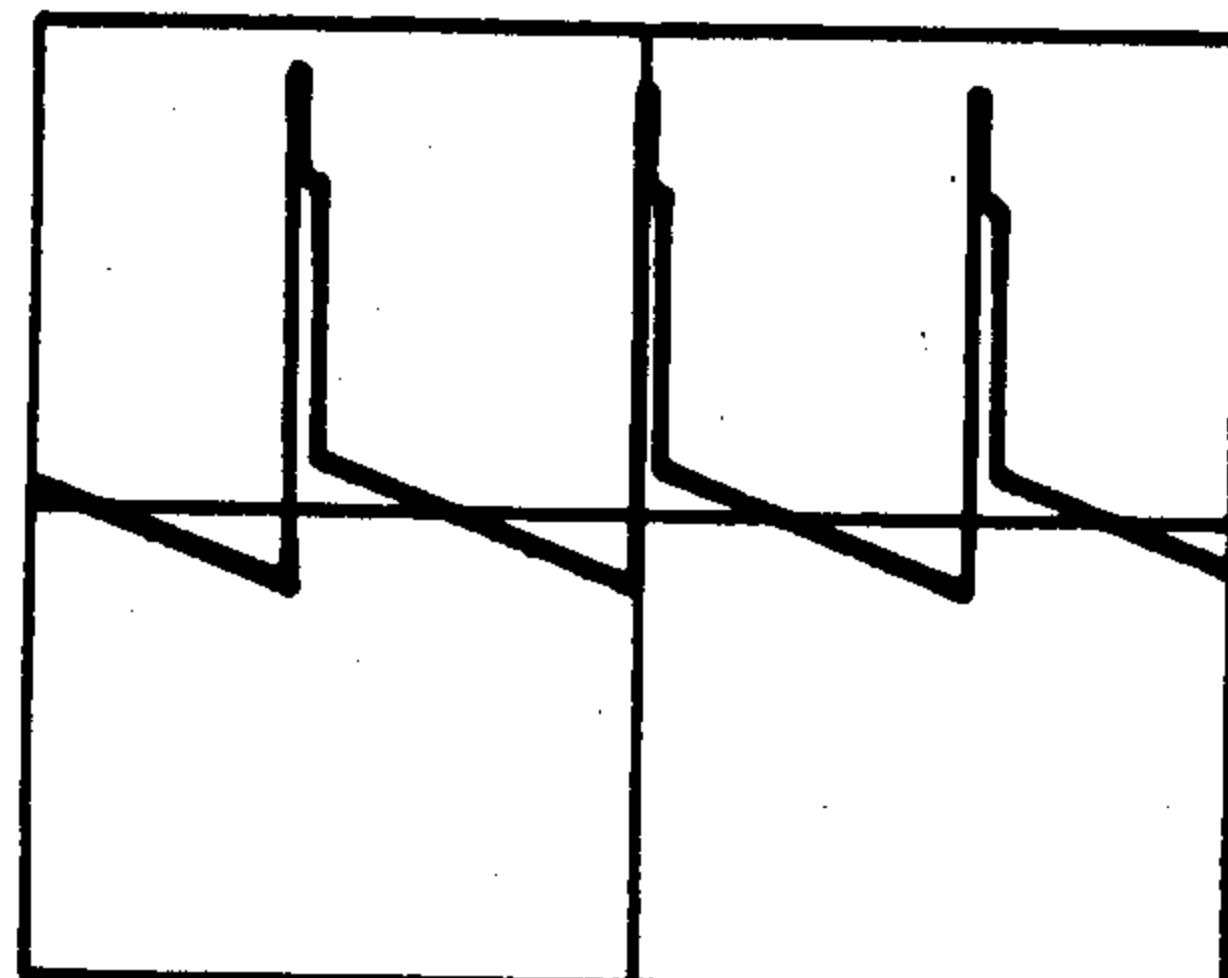
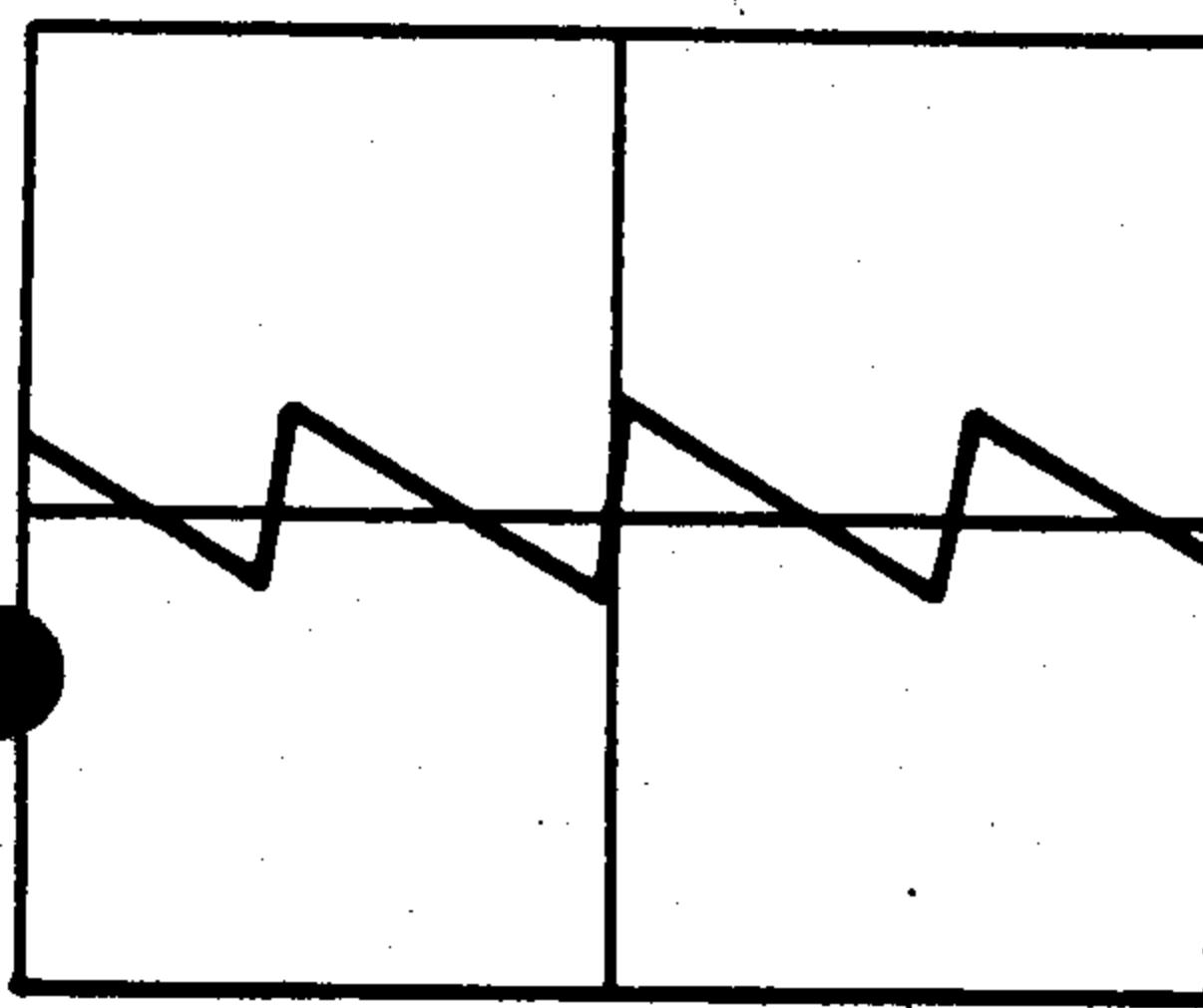
⑨ 24Vp-p
71.43Hz



⑩ 12Vp-p
71.43Hz

⑪ 2.5Vp-p
71.43Hz

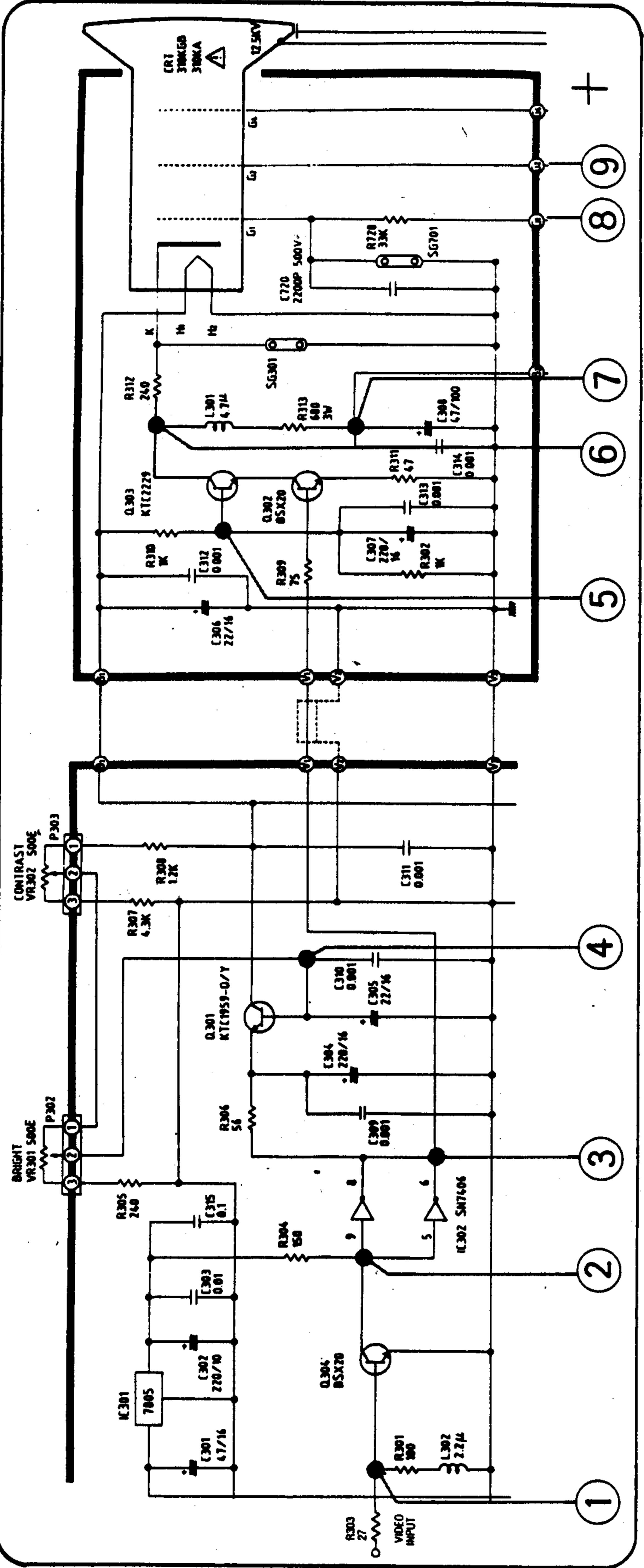
⑫ 0.7Vp-p
71.43Hz



⑬ 0.85Vp-p
71.43Hz

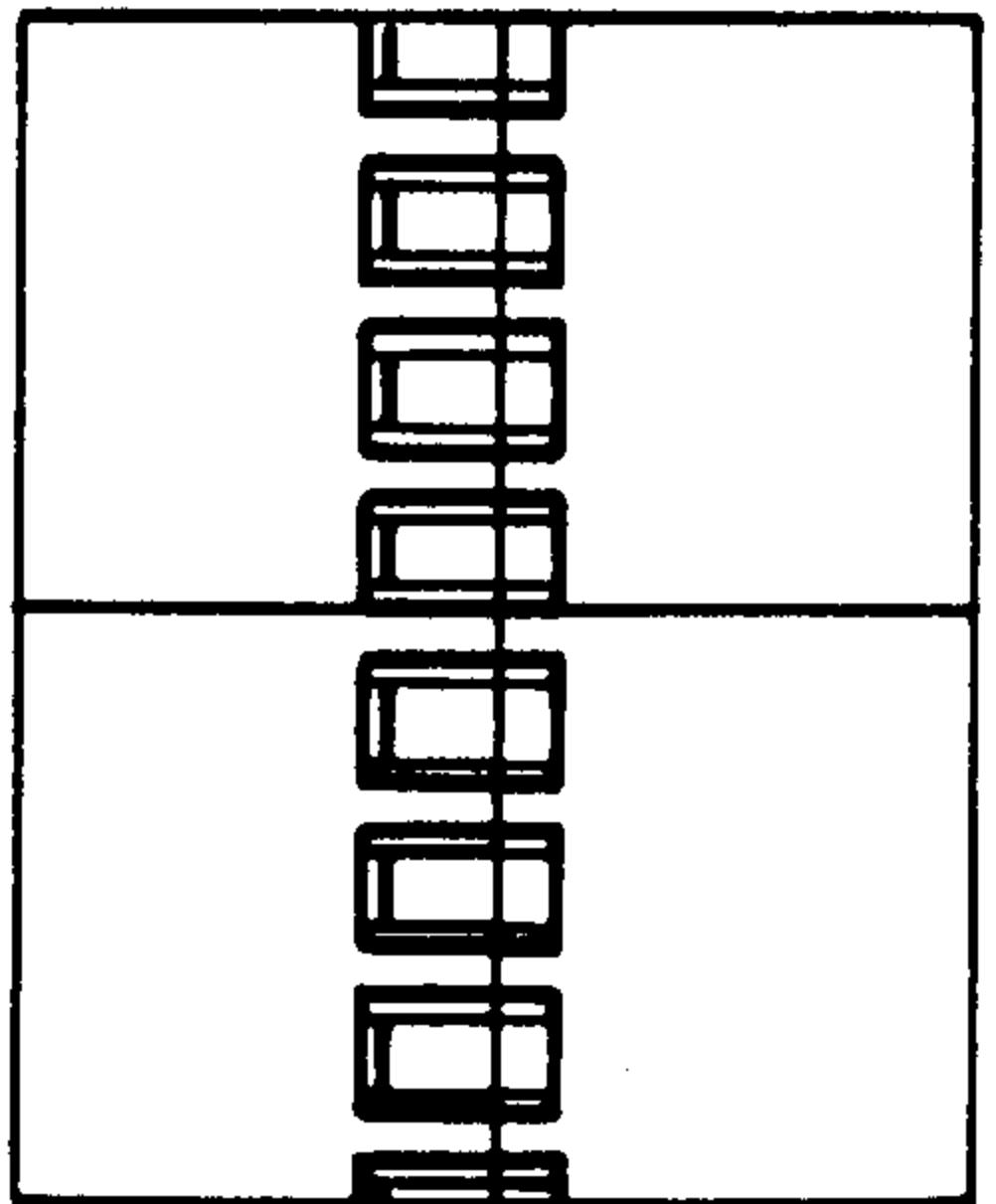
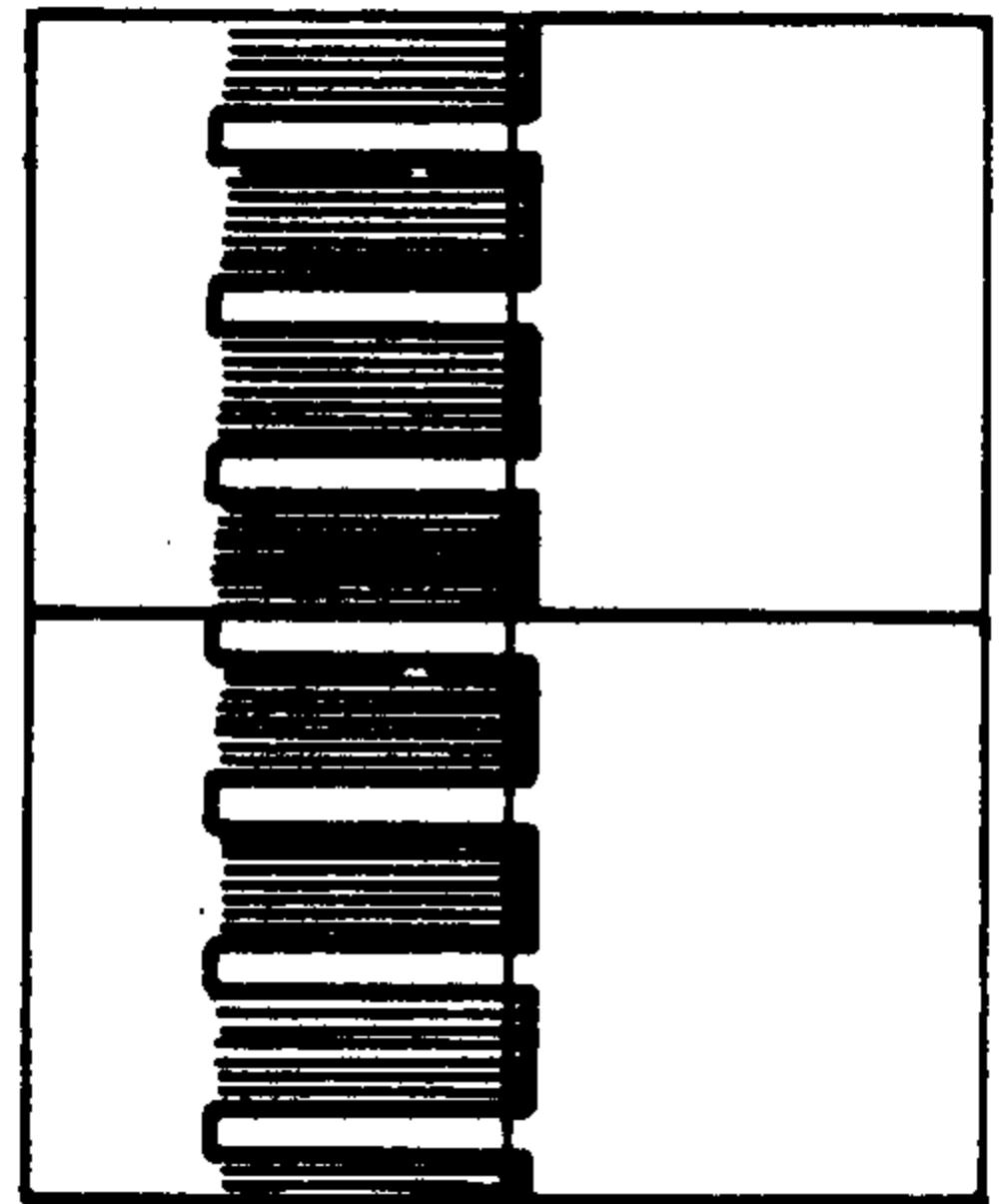
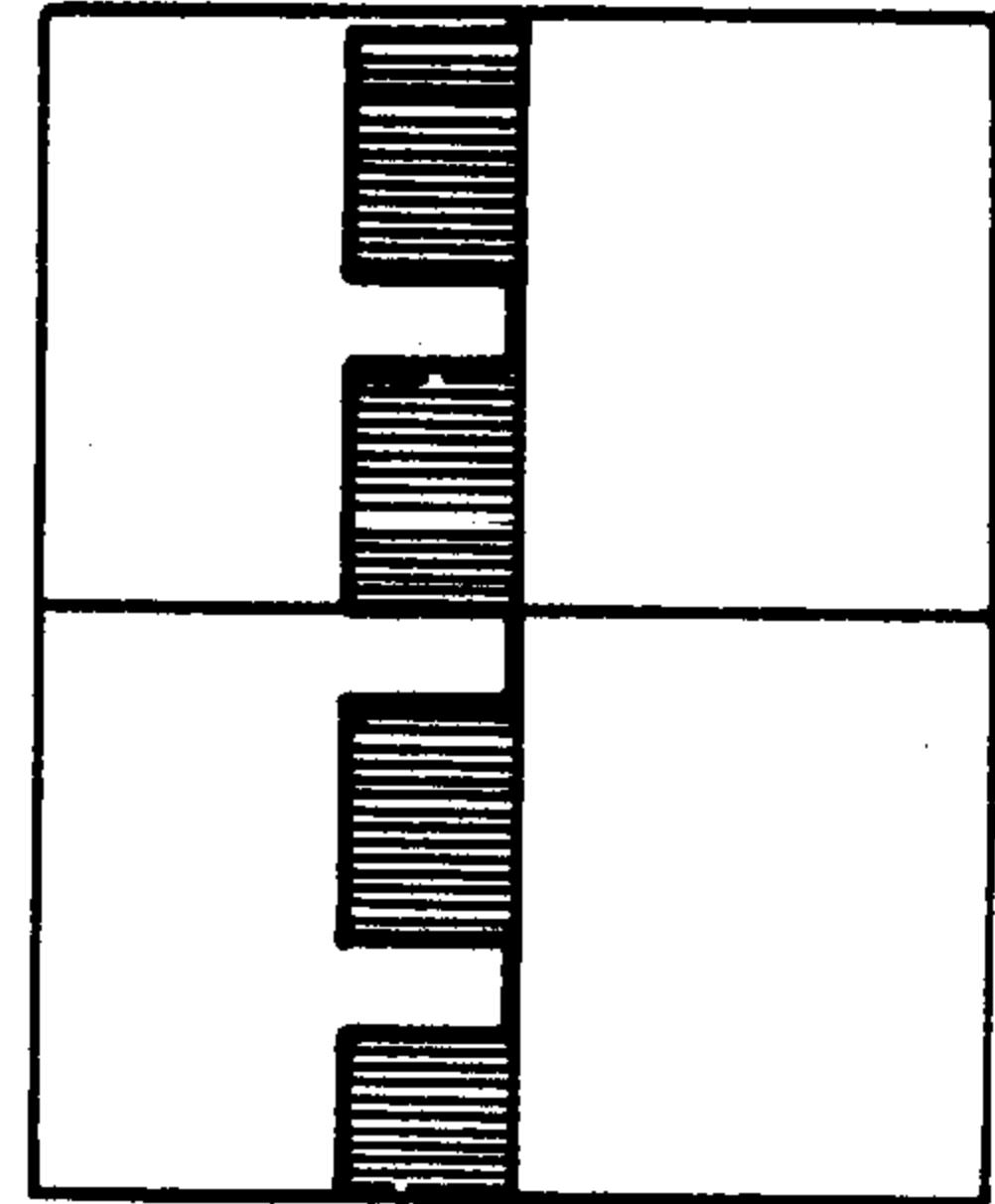
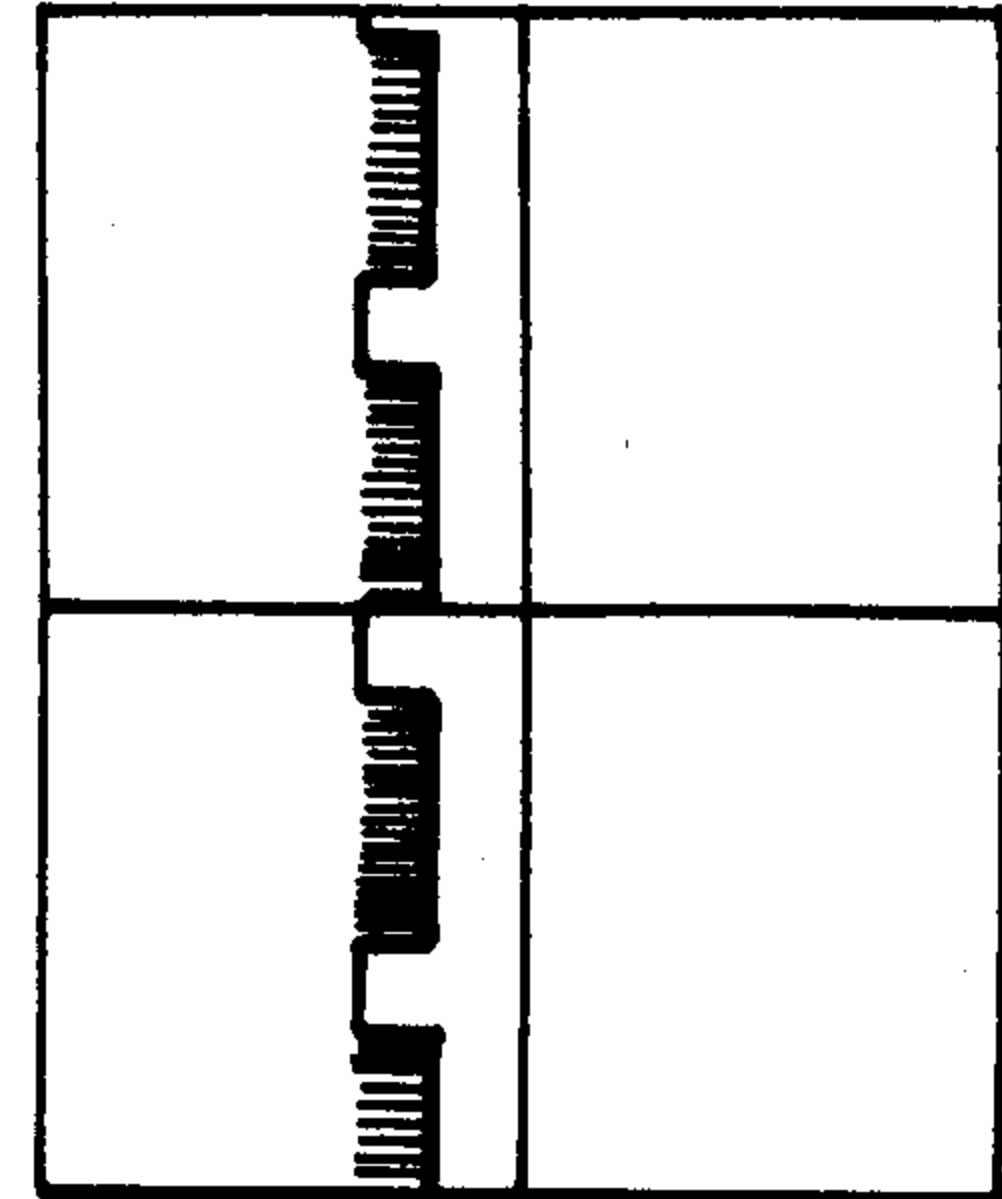
⑭ 22Vp-p
71.43Hz

VIDEO CIRCUIT



**Q301 BASE 3.3V
EMITTER 2.67V
COLLECTOR 11.66V**

- (4) :3.93V (5) :5.88V (7) :70.7V (8) : - 20.8V (9) :600V



- ① 0.9Vp-p
② 5Vp-p
③ 3.3Vp-p
④ 28Vp-p
⑤ 600V